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Reference: 093168

March 9, 2005

Ms. Colleen Stone
California Regional Water Quality Control Board
North Coast Region
5550 Skylane Blvd., Suite A
Santa Rosa, CA 95403

Subject: First Quarter 2005 Groundwater Monitoring Report, Price Trust Property, Crescent City, California; Case No. 1TDN030

Introduction

This report presents the results of quarterly groundwater monitoring activities for the first quarter 2005, conducted at the Price Trust Property (Case No. 1TDN030). The site is located at Ninth & L Streets, in Crescent City, California (Figure 1). SHN Consulting Engineers & Geologists, Inc. (SHN) performed this work on behalf of Charlene Patterson Trustee of the Price Trust. This report is being prepared at the request of the California Regional Water Quality Control Board, North Coast Region (RWQCB).

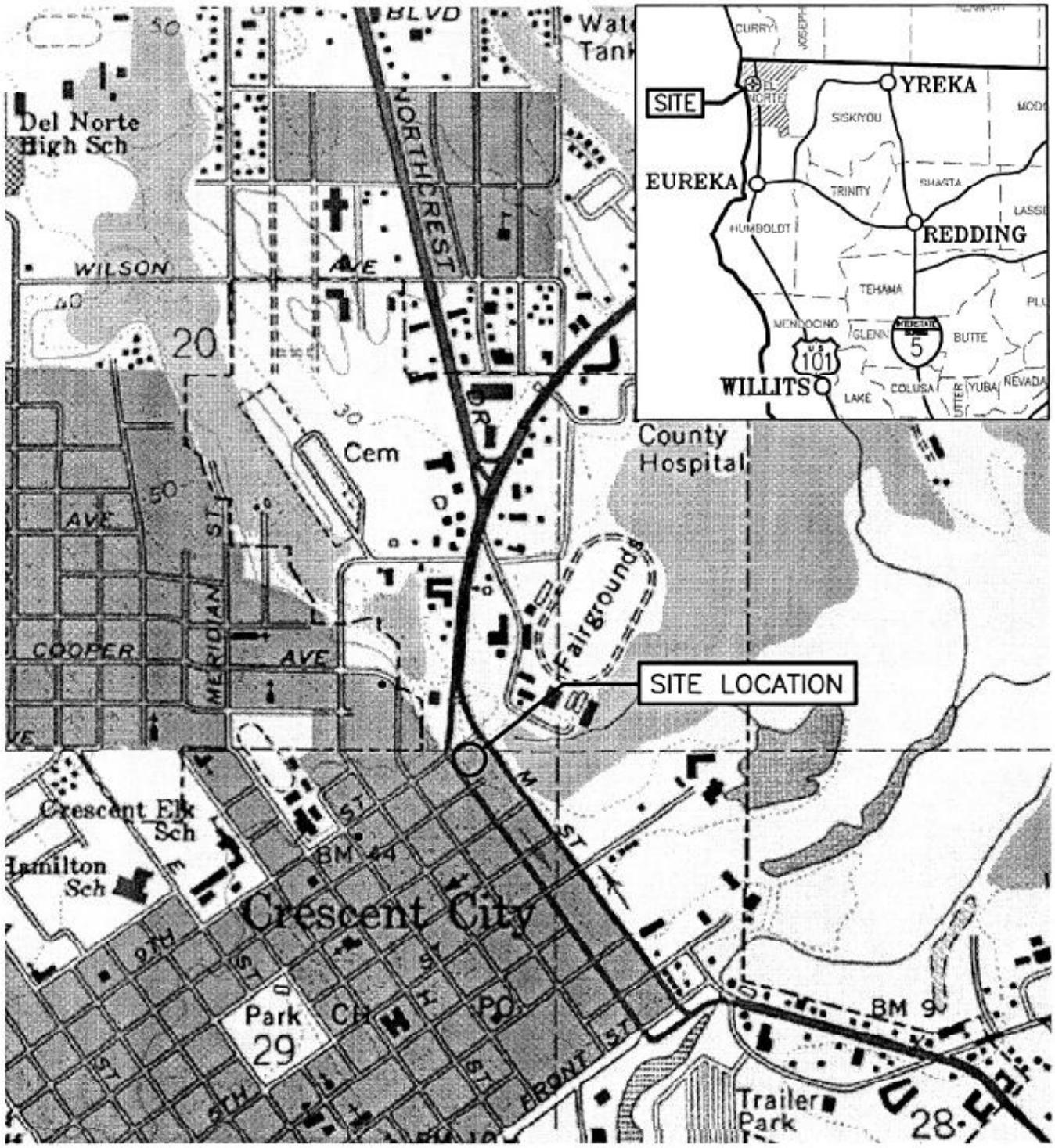
Vicinity Information

The site is located within the northeast quarter of Section 29, Range 1 West, Township 14 North. The former Underground Storage Tank (UST) location was near the southeast corner of the intersection of Ninth and L Streets, in Crescent City, in Del Norte County. U.S. Highway 101 South (L Street) is a one-way, three-lane paved roadway situated to the west of the site, and Ninth Street is an east-west trending two-lane paved road, situated to the north of the site. Highway, commercial, and residential properties comprise the chief land use in the vicinity of the subject site. The current zoning on the subject parcel is Commercial (C-2). The elevation of the site is approximately 30 feet above Mean Sea Level (MSL). Improvements to the property have been demolished.

Background

An automotive service and gas station operated on the site from 1930 to 1960. A machine shop operated on the site from 1960 to 1980. The on-site buildings were demolished in 1987, and the foundation was removed in September 2000.

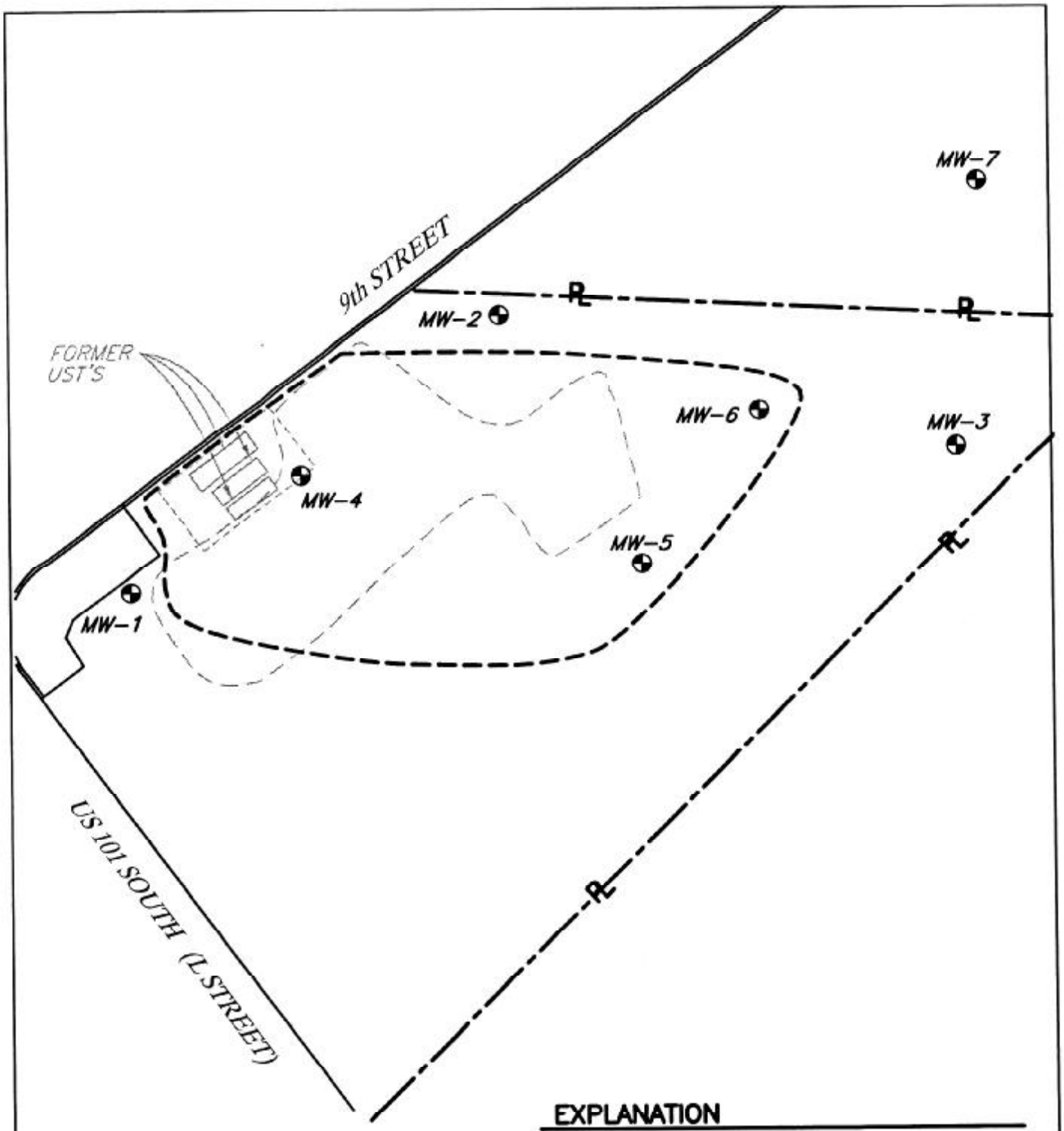
On October 26, 1990, three 550-gallon USTs were closed by removal (Figure 2). Soil samples collected, at the time of the tank removal, indicated that an unauthorized release had occurred. Analytical results from this tank removal are summarized in the ***Corrective Action Plan for the Price Trust Site*** (SHN, 1997).



SOURCE: CRESCENT CITY
USGS 7.5 MINUTE
QUADRANGLE

1"=1000'±

SHN Consulting Engineers & Geologists, Inc.	Price Trust Property 9th and L Streets Crescent City, California	Site Location Map SHN 093168	
	AUGUST 2003	093168-LOCATION	Figure 1



SHN Consulting Engineers & Geologists, Inc.	Price Trust Property 9th and L Streets Crescent City, California		Site Plan SHN 093168
	February, 2004	093168-siteplan	Figure 2

In May 1994, SHN directed overexcavation activities at the former UST location, during which, widespread soil contamination was discovered. Overexcavation of the area was kept to a minimum, and a soil investigation was completed in an attempt to delineate the lateral extent of soil contamination. Approximately 60 cubic yards (yd^3) of contaminated soil were excavated and stockpiled on site, and 15 Test Pits (TP-1 through TP-15) were excavated. Analytical results from this investigation are also summarized in the ***Corrective Action Plan for the Price Trust Site*** (SHN, 1997).

In December 1996, SHN directed Clear Heart Drilling in the advancement of 12 boreholes (Borings B-101 through B-112) to define the lateral and vertical extent of soil contamination. Results from this investigation indicated that high concentrations of Total Petroleum Hydrocarbons as Gasoline (TPHG) and as Diesel (TPHD) were located at depths of 8 to 11 feet Below Ground Surface (BGS), and moderate concentrations of Total Petroleum Hydrocarbons as Motor Oil (TPHMO) were located at shallower depths. In addition, three of the soil borings were converted to shallow groundwater Monitoring Wells (MW-1, MW-2, and MW-3). Details of this investigation are summarized in the ***Corrective Action Plan for the Price Trust Site*** (SHN, 1997).

On July 23, 1998, SHN representatives directed Beacom Construction during the excavation of 14 test pits at the site (B-200 to B-213). Test pits were excavated to a depth of approximately 12 feet, which was near the soil-groundwater interface. Two soil samples were collected from each test pit and sent to a California-certified analytical laboratory for analysis. SHN installed temporary well points at four of the test pit locations. Hydraulic conductivity measurements were made on the three site monitoring wells. Results of this investigation are included in the remedial action plan amendment for the Price Trust site (SHN, 1999).

On September 11 through 13, 2000, SHN directed Hake Construction in the over-excavation of hydrocarbon-contaminated soil as part of an approved Remedial Action Plan (RAP). Approximately 416 tons of soil (approximately 310 yd^3) were removed and properly disposed. Verification soil samples were collected. Results of this remedial action are presented in the ***Overexcavation Report of Findings*** (SHN, 2001).

Quarterly groundwater monitoring has been conducted at the site since January 2001. In April 2001, SHN supervised the installation of monitoring wells MW-4 and MW-5 at the site.

On September 12, 2001, SHN supervised the installation of monitoring well MW-6.

In November 2001, SHN performed a sensitive receptor survey for a 1,000-foot radius from the site. No impacts to any receptors were identified.

In November 2002, SHN supervised the installation of monitoring well MW-7.

On November 25, 2003, SHN supervised the installation of 3 soil borings (PS-1, PS-2, and PS-3) using a truck mounted Geoprobe® rig operated by Fisch Environmental of Valley Springs, California. Soil borings were extended to a maximum depth of 16 feet BGS. Soil and groundwater samples were submitted to Dr. Richard Watts at the Washington State University Chemical Oxidation Research Laboratory for a bench scale treatability study to determine the optimal amount of hydrogen peroxide required to oxidize petroleum hydrocarbons in the subsurface (SHN, 2004).

On November 9 through 19, 2004, SHN supervised Fisch Environmental of Valley Springs, California in the injection of citric acid and hydrogen peroxide at the site. Approximately 2,600 gallons of a citric acid solution and 3,500 gallons of 10% hydrogen peroxide were injected through 54 temporary injection points (SHN, 2005).

Geology and Hydrology

Regional geology in the vicinity of the site was mapped as Quaternary age marine terrace and sand dune deposits (Battery Formation) (Davenport, 1982). In general, underlying soils consist of 1 to 8 feet of fill material underlain by fine-grained clayey or silty sands.

Groundwater flow is typically to the northeast, with an average gradient of 0.023 feet per foot (ft/ft). Groundwater levels average approximately 10 feet BGS with seasonal fluctuations of approximately 5 feet.

Field Activities

Monitoring Well Sampling

On January 11, 2005, monitoring wells MW-1 through MW-7 were sampled. Prior to sampling, each well was checked for the presence of free product (none was observed), measured for depth to water and total depth, and monitored for Dissolved Oxygen (DO), Dissolved Carbon Dioxide (DCO_2), and Oxidation-Reduction Potential (ORP). DO and ORP were measured using portable instrumentation, and DCO_2 was measured using a field test kit.

Each well was purged of at least three casing volumes of water using disposable polyethylene bailers. During well purging, each well was monitored for Electrical Conductivity (EC), temperature, and pH using portable instrumentation. Each groundwater-monitoring well was sampled upon completion of well purging activities.

Groundwater samples were collected using disposable polyethylene bailers and transferred into laboratory-supplied bottles. Water samples were labeled with the project name, project number, sample number, and sample time; placed in an iced cooler; and transported to the laboratory under chain-of-custody documentation. Each groundwater sample was analyzed for constituents described in the "Laboratory Analysis" section.

Field data sheets are included in Attachment 1.

Data will be submitted electronically to the Geotracker database as soon as the electronic files are received from the analytical laboratory.

Laboratory Analysis

Each groundwater sample collected from the monitoring wells during the first quarter 2005 sampling event was analyzed for:

- TPHD and TPHG in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8015B

- Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX) in general accordance with EPA Method No. 8021B and 8260B
- Volatile Organic Compounds (VOCs) in general accordance with EPA Method No. 8260B
- Ammonia Nitrogen in general accordance with EPA Method No. 350.3
- Chemical Oxygen Demand (COD) in general accordance with EPA Method No. 410.4
- Total phosphate as phosphorous in general accordance with EPA Method No. 365.2
- Alkalinity in general accordance with Standard Method 19th Edition 2320B
- Sulfate and nitrate in general accordance with EPA Method No. 300.0
- Total dissolved solids in general accordance with EPA Method No. 160.1
- Dissolved metals from Attachment A of General Order R1-2004-020 in general accordance with EPA Method 200.8 or Standard Method 3500
- Hydrogen peroxide and citric acid.

Groundwater samples were submitted to North Coast Laboratories, Ltd. of Arcata, California.

Equipment Decontamination Procedures

Equipment was cleaned using the triple wash system. The equipment was first washed in a water solution containing Liquinox® cleaner, followed by two distilled water rinses.

Investigation-Derived Waste Management

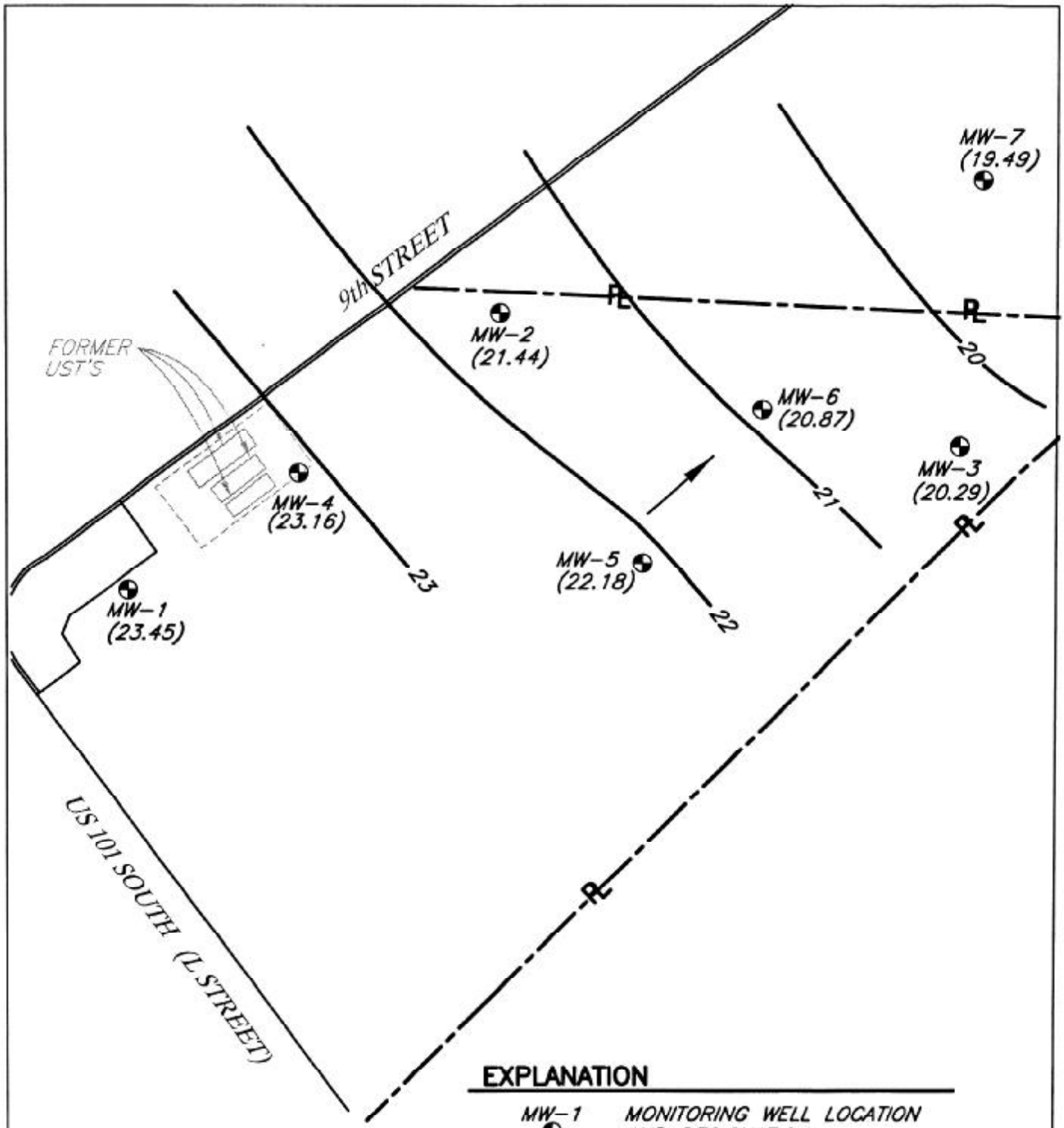
Water used in the decontamination of equipment, tools, and all purge water from the January 2005 quarterly monitoring event was contained in Department of Transportation (DOT)-approved 17 E/H, 55-gallon drums. The water was then transported to the SHN 1,000 gallon purge water storage tank. Approximately 92 gallons of water were generated during the monitoring event. A disposal receipt will be included in the next quarterly report. A discharge receipt for water generated during the November 23, 2004, sampling event is included in Attachment 1.

Groundwater Monitoring Results

Hydrogeology

Prior to well sampling, depth-to-water measurements were taken in wells MW-1 through MW-7. Table 1 shows the groundwater elevations on January 11, 2005.

On January 11, 2005, the estimated groundwater gradient and flow direction beneath the site was 0.030 ft/ft to the northeast (Figure 3). Historic groundwater elevation data is presented in Attachment 2.



SHN Consulting Engineers & Geologists, Inc.	Price Trust Property 9th and L Streets Crescent City, California		Groundwater Contours January 11, 2005 SHN 093168
	January, 2005	093168-GWC-JAN-05	Figure 3

Table 1
Groundwater Elevations, January 11, 2005
Price Trust Property, Crescent City, California

Sample Location	Top of Casing Elevation (feet MSL[1])	Depth to Water[2] (feet)	Groundwater Elevation (feet MSL)
MW-1	30.44	6.99	23.45
MW-2	30.46	9.02	21.44
MW-3	28.51	8.22	20.29
MW-4	29.35	6.19	23.16
MW-5	29.09	6.91	22.18
MW-6	31.14	10.27	20.87
MW-7	22.13	2.64	19.49

1. MSL: Mean Sea Level
2. Below top of casing

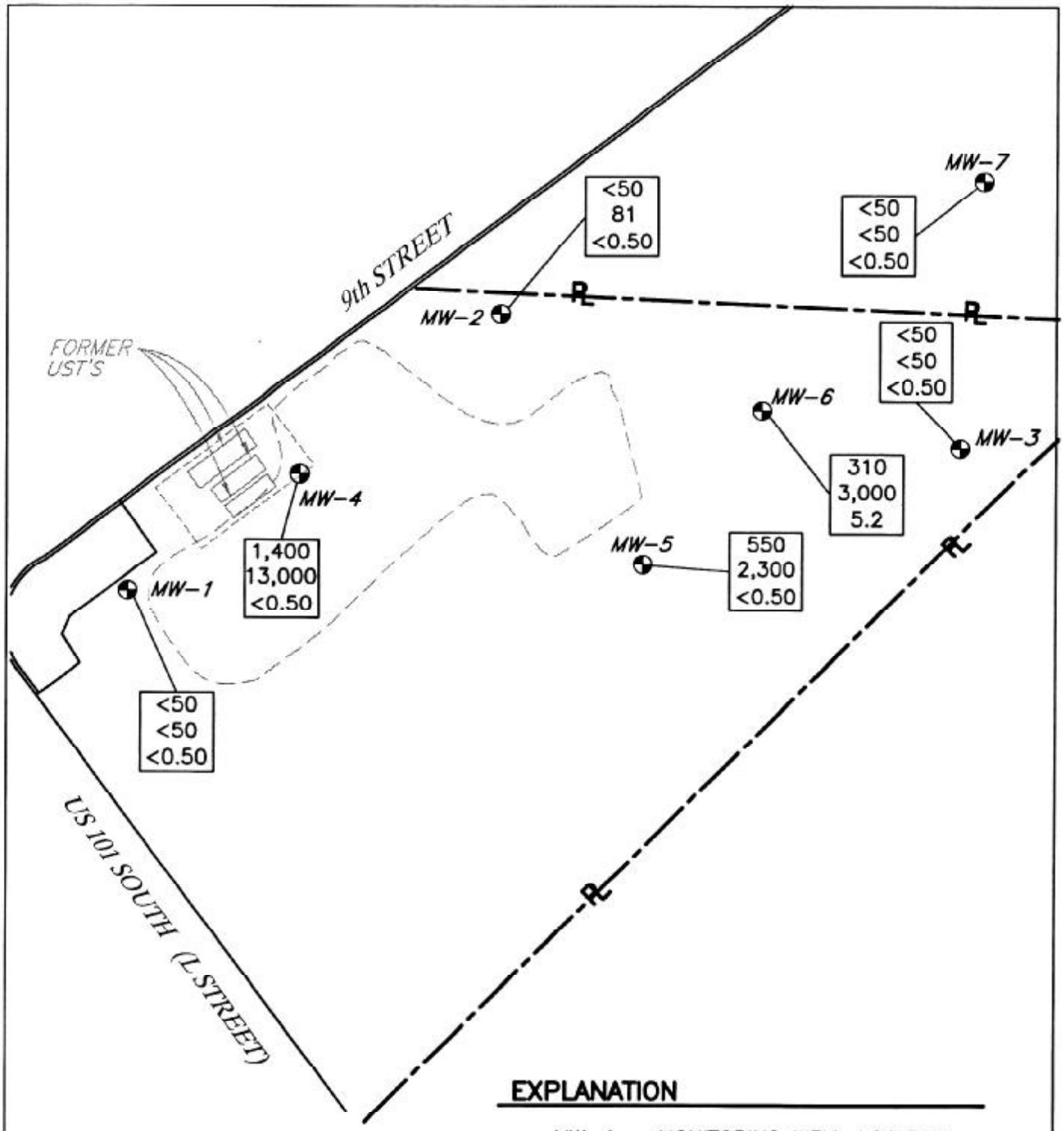
Groundwater Analytical Results

Groundwater samples from wells MW-1 through MW-7 were collected on January 11, 2005. Analytical results are presented in Tables 2 through 4 and summarized on Figure 4.

Table 2
Groundwater Analytical Results, January 11, 2005
Price Trust Property, Crescent City, California
(in ug/L)[1]

Sample Location	TPHD[2]	TPHG[2]	Benzene[3]	Toluene[3]	Ethyl-benzene[3]	Total Xylenes[3]	Volatile Organic Compounds[3]
MW-1	<50[4]	<50	<0.50	<0.50	<0.50	<0.50	ND[5]
MW-2	<50	81[6]	<0.50	<0.50	<0.50	<0.50	ND
MW-3	<50	<50	<0.50	<0.50	<0.50	<0.50	ND
MW-4	1,400[7]	13,000[6]	<0.50	0.96	<0.50	29.76	ND
MW-5	550[7]	2,300[6]	<0.50	<0.50	3.6	0.80	ND
MW-6	310[7]	3,000[6]	5.2	2.8	120	24.9	ND
MW-7	<50	<50	<0.50	<0.50	<0.50	<0.50	ND

1. ug/L: micrograms per Liter
2. Total Petroleum Hydrocarbons as Diesel (TPHD) and as Gasoline (TPHG) analyzed in general accordance with EPA Method No. 8015B.
3. Analyzed in general accordance with EPA Method No. 8260B. See laboratory results for complete VOC analyte list.
4. <: denotes a value that is "less than" the method detection limit.
5. ND: Not Detected. See laboratory analytical reports for individual constituents and detection limits.
6. Sample does not present a peak pattern consistent with that of gasoline. The reported result represents the amount in the gasoline range.
7. Sample contains some material lighter than diesel. However, some of this material extends into the diesel range of molecular weights. These samples also contain material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.



SHN Consulting Engineers & Geologists, Inc.	Price Trust Property 9th and L Streets Crescent City, California	Select Groundwater Analytical Results, January 11, 2005 SHN 093168	
	February, 2005	093168-GAR-JAN-05	Figure 4

Table 3
Groundwater Analytical Results-Inorganic Constituents, January 11, 2005
Price Trust Property, Crescent City, California
(in mg/L)[1]

Sample Location	Ammonia Nitrogen	COD[2]	TPP[3]	Alkalinity	Sulfate	Nitrate	TDS[4]	H_2O_2[5]	Citric Acid
MW-1	<0.20[6]	13	0.054	52	26	0.30	130	8.5	<10
MW-2	1.3	630	0.063	420	1.2	<0.10	830	5.5	<10
MW-3	<0.20	6.0	0.038	80	12	<0.10	150	0.9	<10
MW-4	0.32	830	0.23	530	7.9	0.28	1,100	35.2	<10
MW-5	<0.20	110	0.074	170	1.5	<0.10	280	2.1	<10
MW-6	2.1	280	0.23	170	1.5	<0.10	370	1.1	<10
MW-7	<0.20	<5.0	0.003	62	10	1.7	140	1.0	<10

1. mg/L: milligrams per Liter
2. COD: Chemical Oxygen Demand analyzed in general accordance with EPA Method No. 410.4
3. TPP: Total Phosphate as Phosphorous analyzed in general accordance with EPA Method No. 365.2.
4. TDS: Total Dissolved Solids analyzed in general accordance with EPA Method No. 160.1
5. H_2O_2: Hydrogen Peroxide
6. <: denotes a value that is "less than" the method detection limit.

Historic analytical data are included in Attachment 2. Laboratory analytical reports are included in Attachment 3.

Natural Attenuation Parameters

Natural Attenuation Parameters (DO, DCO_2, and ORP) were measured in each of the groundwater monitoring wells before sampling, and are presented in Table 3. Historic data are included in Attachment 2.

Table 4
Groundwater Analytical Results-Dissolved Metals, January 11, 2005
Price Trust Property, Crescent City, California
(in ug/L)[1]

Sample Location	Fe[2]	Be[2]	Al[2]	V[2]	Cr[2]	Mn[2]	Co[2]	Ni[2]	Cu[2]	Zn[2]	As[2]	Se[2]	Mo[2]	Ag[2]	Cd[2]	Sb[2]	Ba[2]	Hg[2]	Tl[2]	Pb[2]	U[2]
MW-1	<300	<4.0	<200	<3.0	9.5	<5.0	<5.0	7.2	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
MW-2	52,000	<4.0	2,600	<3.0	16	3,100	<5.0	10	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	300	<1.0	<2.0	<5.0	<5.0
MW-3	<300	<4.0	<200	<3.0	<5.0	620	<5.0	9.4	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.5	<1.0	<2.0	<5.0	<5.0
MW-4	230,000	<4.0	1,400	<3.0	210	7,800	6.1	12	<10	<100	12	<5.0	<5.0	<5.0	<5.0	<5.0	41	<1.0	<2.0	45	<5.0
MW-5	14,000	<4.0	770	<3.0	45	3,500	<5.0	6.1	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.1	<1.0	<2.0	<5.0	<5.0
MW-6	42,000	<4.0	720	<3.0	58	5,400	10	26	<10	<100	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	45	<1.0	<2.0	<5.0	<5.0
MW-7	<300	<4.0	<200	<3.0	21	<5.0	<5.0	14	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0

1. ug/L: micrograms per Liter
2. Metals, abbreviated as follows:

Fe: Iron	V: Vanadium	Co: Cobalt	Zn: Zinc	Mo: Molybdenum	Sb: Antimony	Tl: Thallium
Be: Beryllium	Cr: Chromium	Ni: Nickel	As: Arsenic	Ag: Silver	Ba: Barium	Pb: Lead
Al: Aluminum	Mn: Manganese	Cu: Copper	Se: Selenium	Cd: Cadmium	Hg: Mercury	U: Uranium

Table 5
DO, DCO_2, and ORP Measurement Results, January 11, 2005
Price Trust Property, Crescent City, California

Sample Location	DO[1] (ppm)[2]	DCO_2[3] (ppm)	ORP[4] (mV)[5]
MW-1	6.86	25	-15
MW-2	0.86	370	-71
MW-3	1.06	20	53
MW-4	0.86	750	-77
MW-5	0.82	195	10
MW-6	0.92	500	-2
MW-7	5.52	20	100

1. DO: Dissolved Oxygen, field measured using portable instrumentation.
2. ppm: Measurement concentration, in parts per million.
3. DCO_2: Dissolved Carbon Dioxide, field measured using a field test kit.
4. ORP: Oxidation-Reduction Potential measured using portable instrumentation.
5. mV : millivolts.

Conclusion and Recommendations

The following conclusions are based on information presented in preceding sections:

- No constituents were detected above the method detection limits in groundwater samples from monitoring wells MW-1, MW-3, and MW-7.
- Low concentrations of TPHG were detected in the groundwater sample from MW-2.
- Concentrations of contaminants in MW-4 remained similar to pre-injection concentrations with the exception of ethylbenzene, which was not detected. Pre-injection concentrations of ethylbenzene in samples from MW-4 ranged from 120 to 850 ug/L.
- The TPHG concentration in MW-5 was decreased (2,300 ug/L) when compared to the pre-injection TPHG concentration (3,700 ug/L).
- The TPHG concentration in MW-6 was slightly elevated (3,000 ug/L) when compared to the pre-injection concentration (2,200 ug/L).
- DCO_2 concentrations continue to be elevated in wells MW-2, MW-4, MW-5, and MW-6, when compared to pre-injection concentrations, while DO concentrations in these 4 wells have returned to pre-injection concentrations.
- Pre- and post-injection concentrations of ammonia nitrogen and total phosphate as phosphorus remained similar.
- Concentrations of beryllium, vanadium, copper, zinc, selenium, molybdenum, silver, cadmium, antimony, mercury, thallium, and uranium were not detected in any groundwater samples during the pre- and post-injection monitoring events.
- Concentrations of arsenic in wells MW-4, MW-5, and MW-6 remained similar when comparing pre- and post-injection results. Concentrations of arsenic detected in site wells are below the California Department of Health Services (CDHS) primary Maximum Contaminant Level (MCL)of 50 ug/L.
- Concentrations of barium in wells MW-2, MW-3, MW-4, MW-5, and MW-6 remained similar or were slightly elevated when comparing pre- and post-injection results. Concentrations of barium detected in site wells are well below the CDHS primary MCL of 1,000 ug/L.
- Nickel was detected in pre and post injection samples from monitoring wells MW-1 and MW-7, and in post injection samples from MW-2 through MW-6. Concentrations of nickel detected in site wells are below the CDHS primary MCL of 100 ug/L.
- Dissolved lead was not detected in any of the pre- or post-injection samples except in the post injection groundwater sample from MW-4 at a concentration of 45 ug/L.
- Dissolved iron concentrations in groundwater samples from MW-2, MW-4, MW-5, and MW-6 were elevated when comparing pre- and post-injection sampling results.
- Dissolved manganese concentrations in groundwater samples from MW-2, MW-4, MW-5, and MW-6 were elevated when comparing pre and post injection sampling results.
- Dissolved aluminum concentrations in groundwater samples from MW-2, MW-4, MW-5, and MW-6 were elevated when comparing pre and post injection sampling results.

- Dissolved chromium concentrations in groundwater samples from MW-1, MW-2, MW-4, MW-5, MW-6, and MW-7 were elevated when comparing pre and post injection sampling results.
- The overall reduction in hydrocarbon mass should be observed with reduction in groundwater concentrations in monitoring wells MW-4, MW-5, and MW-6 over the next year.

The following recommendations are based on information presented in preceding sections:

- Continue groundwater monitoring in site wells. Based on comparing the pre and post injection analytical results, SHN is recommending a revised analytical program for the site. Groundwater samples will be analyzed for constituents shown in Table 6.

Table 6
Groundwater Analytical Matrix
Price Trust Property, Crescent City, California

Sample Location	TPHD[1/] TPHG[2]	BTEX[3]	Nitrate/ Sulfate/ Alkalinity	COD[4]	Fe[5]	Mn[6]	Al[7]	Cr[8]	Pb[9]
MW-1	x	x	x		x	x		x	
MW-2	x	x	x	x	x	x	x	x	
MW-3	x	x	x		x	x		x	
MW-4	x	x	x	x	x	x	x	x	x
MW-5	x	x	x	x	x	x	x		
MW-6	x	x	x	x	x	x	x	x	
MW-7	x	x	x		x	x		x	

1. TPHD: Total Petroleum Hydrocarbons as Diesel
2. TPHG: Total Petroleum Hydrocarbons as Gasoline
3. BTEX: Benzene, Toluene, Ethylbenzene, and total Xylenes
4. COD: Chemical Oxygen Demand
5. Fe: Dissolved Iron
6. Mn: Dissolved Manganese
7. Al: Dissolved Aluminum
8. Cr: Dissolved Chromium
9. Pb: Dissolved Lead

SHN will complete and submit quarterly monitoring reports, no later than 60 days following each quarterly sampling event. The reports will include a description of the monitoring and sampling activities, a summary of results, analytical reports, groundwater elevations, and groundwater contour maps. The next quarterly monitoring event will take place in April 2005.

The breathing zone field monitoring sheets from the November 2004 injection event were not included in the ***Fourth Quarter 2004 and Remedial Action Implementation Report*** (SHN, 2005). Copies of the monitoring sheets are included in Attachment 1.

If you have any questions regarding the work completed, please call me at 707/441-8855.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.

Pat Barsanti
Project Manager

PNB/RR:lms

Attachments:
1. Field Notes
2. Historic Monitoring Data
3. Laboratory Analytical Reports

copy w/attach: Leon Perreault, DNCDEH
Charlene Patterson, Price Trust
Joe Mendez, Del Norte Realty
USTCF

References Cited

Davenport, C. W. (1982). Geology and Geomorphic Features Related to Landsliding, Crescent City 7.5′ Minute Quadrangle, Del Norte County, California. DMG Open File Report 82-21. Scale 1:24,000.

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---. (2004). *Bench Scale Test Results and First Quarter 2004 Groundwater Monitoring Report.* Eureka:SHN.

---. (2005). *Fourth Quarter 2004 and Remedial Action Implementation Report.* Eureka:SHN

Attachment 1

Field Notes

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DAILY FIELD REPORT

JOB NO 093168
Page 1 of 12

PROJECT NAME: Price Trust	CLIENT/OWNER: Patterson Accountancy Corp.	DAILY FIELD REPORT SEQUENCE NO: 1	
GENERAL LOCATION OF WORK: Crescent City, CA.	OWNER/CLIENT REPRESENTATIVE: Charlene Patterson	DATE: 1-11-05	DAY OF WEEK: Tuesday
TYPE OF WORK: Quarterly Sampling	WEATHER: Partially clear to clear	PROJECT ENGINEER/ SUPERVISOR: Pat Barsanti / Roland Rucker	
SOURCE & DESCRIPTION OF FILL MATERIAL	KEY PERSONS CONTACTED	TECHNICIAN: David R. Paine	

DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, & COMPACTING

0740	ARRIVED at site with Josh Tyler, removed lids and caps on all 7 wells, MW-5 had water in flush mount, bailed out.
0758	I started taking water levels deconing the sounder after each well by scrubbing it with liquinox then rinsing it with DI water.
0807	Josh started taking D.O readings.
0829	I started purging MW-7 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
0910	I sampled MW-7, secured well with cap and lid.
0912	Josh started purging MW-5 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
0933	I started purging MW-1 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
1010	I sampled MW-1, secured well with cap and lid.
1044	I started purging MW-3 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
1058	Josh started purging MW-6 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket, well went dry.
1120	I sampled MW-3, secured well with cap and lid.
1125	I sampled MW-5, secured well with cap and lid.
1131	Josh started purging MW-4 with a disposable bailer, purge water was caught in a graduated 4 gal bucket.
1152	I started purging MW-2 with a disposable bailer, purge water was caught in a graduated 4 gal. bucket.
1240	We sampled MW-4, secured well with cap and lid.
1320	We sampled MW-2, secured well with cap and lid.
1335	We sampled MW-6, secured well with cap and lid.
1347	OFF SITE
Note:	All decon water and purge water was caught then poured into 2-500 gal plastic drums that I brought in the trailer, then transported to SHN's 1,000 gal. PWST located at 812 W. Wabash Avenue Eureka, CA 92 gallons total.

COPY GIVEN TO:

REPORTED BY: David R. Paine

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Groundwater Elevations

Job No.: 093168 Name: Josh Tyler

Client: PRICE TRUST PROPERTIES Date: 1-11-05

Location: CRESCENT CITY, CA. Weather: Partially clear

Sample Location	Time of Reading	Top of Casing Elevation (feet)	Depth To Water (feet)	Water Surface Elevation (feet)
MW-1	0801	30.44	6.99	23.45
MW-2	0806	30.46	9.02	21.44
MW-3	0803	28.51	8.22	20.29
MW-4	0812	29.35	6.19	23.16
MW-5	0810	29.09	6.91	22.18
MW-6	0808	31.14	10.27	20.87
MW-7	0758	22.13	2.64	19.49

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EQUIPMENT CALIBRATION SHEET

Name: David R. Paine

Project Name: Price Trust

Reference No.: 093168

Date: 1-11-05

Equipment: ☒ pH & EC ☐ PID ☐ $GTCO_2$ ☐ GTLEL
☐ Turbidity ☒ Other Dissolved Oxygen Meter YSI95

Description of Calibration Procedure and Results:

pH + Ec meter is calibrated using a 2 buffer method with 7.01 and 4.01, the Ec (conductivity) is set at 1413 µS.

DO meter is self calibrating with the Altimeter set at 0.

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Water Sampling Data Sheet

Project Name: Price Trust
Project No.: 093168
Location: Crescent City, CA
Well #: MW-1
Hydrocarbon Thickness/Depth (feet): NA
Date/Time: 1-11-05
Sampler Name: David R. Paine
Sample Type: Ground water
Weather: Partially clear to cloar
Key Needed: YES Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
13.60	-	6.99	=	6.61	x	0.163	=	1.08

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0821	6.96						0 gal.	
0933		25	-15				0.25 gal.	
0943	↓			200	57°	6.08	1.25 gal.	
0946	No Flow			200	57.7°	6.08	2.25 gal.	
0950	Thru cell			201	58°	6.11	3.25 gal.	

Purge Method: Hand Bail
Total Volume Removed: 3.25 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-1	3-40ml VOA's	YES HCL	NCL	TPHG
MW-1	3-40ml VOA's	YES HCL	NCL	8260 list 9
MW-1	2-60ml VOA's	None	NCL	TPHD
MW-1	500ml plastic	None	NCL	Diss. Metals
MW-1	500ml Amber	YES H_2SO_4	NCL	COD T.PO4, AMMW
MW-1	500ml plastic	None	NCL	TDS, NO_3, SO_4, ALK
MW-1	250ml plastic	None	NCL	Citric Acid
MW-1	250ml plastic	None	NCL	Hydrogen Peroxide

Well Condition: Good
Remarks: Recharged to 7.09 at sample Time 1010

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Water Sampling Data Sheet

Project Name: Price Trust
Project No.: 093168
Location: Crescent City, CA
Well #: MW-2
Hydrocarbon Thickness/Depth (feet): NA
Date/Time: 1-11-05
Sampler Name: David R. Laird
Sample Type: Ground water
Weather: Partially clear to clear
Key Needed: YES Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
15.52	-	9.02	=	6.50	x	0.163	=	1.06

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0836	0.86						0 gal.	
1152		370	-71				0.25 gal.	
1200	↓			856	59.8°	6.44	1.25 gal.	
1204	No Flow			939	60.3°	6.51	2.25 gal.	
1211	thru cell			874	60.4°	6.57	3.25 gal.	Dry
1232				1175	60.7°	6.51	4.25 gal.	Dry
1257				1245	60.6°	6.42	5.50 gal.	Dry

Purge Method: Hand Bail
Total Volume Removed: 5.50 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-2	3-40ml VOA's	YES HCL	NCL	TPHG
MW-2	3-40ml VOA's	YES HCL	NCL	8260 list 9
MW-2	2-60 ml VOA's	None	NCL	TPHD
MW-2	500ml plastic	None	NCL	Diss. Metals
MW-2	500ml Amber	YES H_2SO_4	NCL	COD, T. PO4, AMMW
MW-2	500ml plastic	None	NCL	TDS, NO_3, SO_4, ALK
MW-2	250ml plastic	None	NCL	Citric Acid
MW-2	250ml plastic	None	NCL	Hydrogen Peroxide

Well Condition: Good
Remarks: Recharged to 10.60 at sample Time 1320

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Water Sampling Data Sheet

Project Name: Price Trust
Project No.: 093168
Location: Crescent City, CA
Well #: MW-3
Hydrocarbon Thickness/Depth (feet): NA
Date/Time: 1-11-05
Sampler Name: David R. Laine
Sample Type: Ground water
Weather: Partially clear to clear
Key Needed: YES Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
15.60	-	8.22	=	7.38	x	0.163	=	1.20

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
3 829	1.06						0 gal.	
1044		20	53				0.25 gal.	
1053	↓			208	58.9°	6.41	1.25 gal.	
1057	No Flow			219	59.3°	6.36	2.50 gal.	
102	thru cell			227	59.4°	6.37	3.75 gal.	

Purge Method: Hand Bail
Total Volume Removed: 3.75 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-3	3-40ml VOA's	YES HCL	NCL	TPHG
MW-3	3-40ml VOA's	YES HCL	NCL	8260 list 9
MW-3	2-60ml VOA's	None	NCL	TPHD
MW-3	500ml plastic	None	NCL	Diss. Metals
MW-3	500ml Amber	YES H_2SO_4	NCL	COD, T.PO4, AMMW
MW-3	500ml plastic	None	NCL	TDS, NO_3, SO_4, ALK
MW-3	250ml plastic	None	NCL	Citric Acid
MW-3	250ml plastic	None	NCL	Hydrogen Peroxide

Well Condition: Good
Remarks: Recharged to 8.55 at sample Time 1120

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Water Sampling Data Sheet

Project Name: Price Trust
Project No.: 093168
Location: Crescent City, CA
Well #: MW-4
Hydrocarbon Thickness/Depth (feet): NA
Date/Time: 1-11-05
Sampler Name: JCT
Sample Type: Ground water
Weather: Clear
Key Needed: YES Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
14.35	-	6.19	=	8.16	x	0.163	=	1.33

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
~~857~~ ~~857~~	0.86						0 gal.	
1131	↓	750	-77				0.25 gal.	
1139	↓			1572	61.6°	6.13	5 gal.	
1149	No Flow			1592	61.9°	6.08	10 gal.	
1159	Thru cell			1526	61.9°	6.11	15 gal	
1210				1440	61.7°	6.18	20 gal	
1220				1811	62.3°	6.13	25 gal	

Purge Method: Hand Bail
Total Volume Removed: 25 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-4	3-40ml VOA's	YES HCL	NCL	TPHG
MW-4	3-40ml VOA's	YES HCL	NCL	8260 list 9
MW-4	2-60ml VOA's	None	NCL	TPHD
MW-4	500ml plastic	None	NCL	Dss. Metals
MW-4	500ml Amber	YES H_2SO_4	NCL	COD T. PO4, AMMW
MW-4	500ml plastic	None	NCL	TDS, NO_3, SO_4, ALK
MW-4	250ml plastic	None	NCL	Citric Acid
MW-4	250ml plastic	None	NCL	Hydrogen Peroxide

Well Condition: 2 stripped out Flanges
Remarks:
Recharged to 6.36 at sample Time 1240

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Water Sampling Data Sheet

Project Name:	Price Trust	Date/Time:	1-11-05
Project No.:	093168	Sampler Name:	JCT
Location:	Crescent City, CA	Sample Type:	Ground water
Well #:	MW-5	Weather	Clear
Hydrocarbon Thickness/Depth (feet):	NA	Key Needed:	YES Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
14.35	-	6.91	=	7.44	x	0.163	=	1.21

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
850	0.82						0 gal.	
912	↓	145	10				0.25 gal.	
922	↓			545	58.4°	6.36	5 gal.	
935	No Flow			462	59.4°	6.37	10 gal.	
952	Thru cell			459	59.5°	6.44	15 gal.	
1007				475	60.8°	6.37	20 gal.	
1016				516	60.8°	6.37	25 gal.	

Purge Method: Hand Bail

Total Volume Removed: 25.00 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-5	3-40ml VOA's	YES HCL	NCL	TPHG
MW-5	3-40ml VOA's	YES HCL	NCL	8260 list 9
MW-5	2-60 ml VOA's	None	NCL	TPHD
MW-5	500ml plastic	None	NCL	Diss. Metals
MW-5	500ml Amber	YES H_2SO_4	NCL	COD, T. PO4, AMMW
MW-5	500ml plastic	None	NCL	TDS, NO_3, SO_4, ALK
MW-5	250ml plastic	None	NCL	Citric Acid
MW-5	250ml plastic	None	NCL	Hydrogen Peroxide

Well Condition: On- broken flange

Remarks:

Recharged to 7.10 at sample Time 1125

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Water Sampling Data Sheet

Project Name: Price Trust
Project No.: 093168
Location: Crescent City, CA
Well #: MW-6
Hydrocarbon Thickness/Depth (feet): NA
Date/Time: 1-11-05
Sampler Name:
Sample Type: Ground water
Weather: Clear
Key Needed: YES Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
18.60	-	10.27	=	8.33	x	0.163	=	1.35

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
2 8:12	0.92						0 gal.	
1058	↓	500	-2				0.25 gal.	
1111	↓			699	60.6°	6.33	5 gal.	
1119	No Flow			682	60.9°	6.28	7 gal.	DRY
227	Thru cell			648	61.1°	6.44	13 gal.	DRY
1303				637	60.9°	6.39	18 gal	DRY
							gal	

Purge Method: Hand Bail
Total Volume Removed: 18.00 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-6	3-40ml VOA's	YES HCL	NCL	TPHG
MW-6	3-40ml VOA's	YES HCL	NCL	8260 list 9
MW-6	2-60ml VOA's	None	NCL	TPHD
MW-6	500ml plastic	None	NCL	Diss. Metals
MW-6	500ml Amber	YES H_2SO_4	NCL	COD T. P04, AMMW
MW-6	500ml plastic	None	NCL	TDS, NO_3, SO_4, ALK
MW-6	250ml plastic	None	NCL	Citric Acid
MW-6	250ml plastic	None	NCL	Hydrogen Peroxide

Well Condition: Good
Remarks: Recharged to 12.41 at sample Time 1335

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Water Sampling Data Sheet

Project Name: Price Trust
Project No.: 093168
Location: Crescent City, CA
Well #: MW-7
Hydrocarbon Thickness/Depth (feet): NA
Date/Time: 1-11-05
Sampler Name: David R. Paine
Sample Type: Ground water
Weather: Partially clear
Key Needed: YES Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
17.90	-	2.64	=	15.26	x	0.163 = 2.48 x 3	=	7.46

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
0811	5.52						0 gal.	
0829		20	100				0.25 gal.	
0841	↓			210	55.9°	6.54	2.50 gal.	
0847	No Flow			211	56.5°	6.60	5 gal.	
0853	Thru cell			208	56.4°	6.62	7.50 gal	

Purge Method: Hand Bail
Total Volume Removed: 7.50 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-7	3-40ml VOA's	YES HCL	NCL	TPHG
MW-7	3-40ml VOA's	YES HCL	NCL	8260 list 9
MW-7	2-60 ml VOA's	None	NCL	TPHD
MW-7	500ml plastic	None	NCL	Diss. Metals
MW-7	500ml Amber	YES H_2SO_4	NCL	COD, T. PO4, AMMW
MW-7	500ml plastic	None	NCL	TDS, NO_3, SO_4, ALK
MW-7	250ml plastic	None	NCL	Citric Acid
MW-7	250ml plastic	None	NCL	Hydrogen Peroxide

Well Condition: Good
Remarks: Recharged to 2.69 at sample Time 0910

Client Name: **PRICE TRUST PROPERTIES**

The water from your site: **9th & L STREETS CRESCENT CITY, CA UST # 1TDN030**

SHN ref # **093168** Collected On: **11/23/04**

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged: **12 GALLONS**

Date Discharged: **1/24/05**

Certified by: **DAVID R. PAINE**

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.

City of Eureka Wastewater Discharge Permit #65

Price Trust Daily Monitoring
93168

VOC's Every 30 Minutes during Injection

BREATHING ZONE / WORK AREAS

Date	Time	VOC's (ppm)	Date	Time	VOC's (ppm)
11-9-04	12 40	0	11-12-04	8 30	0
	14 00	0		9 00	0
	14 20	0		9 30	0
	14 50	0		10 00	0
	15 20	0		10 30	0
	15 50	0		11 00	0
	16 20	0		11 30	0
	16 50	0		12 00	0
	17 20	0		12 30	0
11-10-04	9 30	0		13 00	0
	9 50	0		13 30	0
	10 15	0		14 00	0
	10 30	0	11-15-04	9 00	0
	10 50	0		9 30	0
	11 20	0		10 00	0
	11 50	0		10 30	0
	12 20	0		11 00	0
	12 50	0		11 30	0
	13 20	0		12 00	0
	13 50	0		12 30	0
	14 20	0		13 00	0
	14 50	0		13 30	0
	15 20	0		14 00	0
11-11-04	8 30	0		14 30	0
	9 00	0	11-16-2004	8 30	0
	9 30	0		9 00	0
	10 00	0		9 30	0
	10 30	0		10 00	0
	11 00	0		10 30	0
	11 30	0		11 00	0
	12 00	0		11 30	0
	12 30	0		12 00	0
	13 00	0		12 30	0
	13 30	0		13 00	0
	14 00	0		13 30	0
	14 30	0		14 00	0
	15 00	0		14 30	0
	15 30	0			

Price Trust Daily Monitoring
93168

Breathing Zone

VOC's Every 30 Minutes during Injection

Date	Time	VOC's (ppm)	Date	Time	VOC's (ppm)
11-17-2004	800	0	11-19-2004	1130	0
	830	0		1200	0
	900	0		1230	0
	930	0		1300	0
	1000	0		1330	0
	1030	0		1400	0
	1100	0			
	1130	0			
	1200	0			
	1230	0			
	1300	0			
	1330	0			
	1400	0			
	1430	0			
	1500	0			
	1530	0			
	1600	0			
11-18-04	800	0			
	830	0			
	900	0			
	930	0			
	1000	20			
	1030	0			
	1100	0			
	1130	0			
	1200	0			
	1230	0			
	1300	0			
	1330	0			
	1400	0			
	1430	0			
	1500	0			
11-19-2004	800	0			
	830	0			
	900	0			
	930	0			
	1000	0			
	1030	0			
	1100	0			

Attachment 2

Historic Monitoring Data

Table 2-1
Groundwater Elevation Summary
Price Trust Property, Crescent City, California

Sample Location	Date Measured	Top of Casing Elevation (feet MSL)[1]	Depth to Water[2] (feet)	Groundwater Elevation (feet MSL)
MW-1	01/12/01	30.44	9.87	20.57
	04/05/01		9.38	21.06
	10/12/01	30.44[3]	11.90	18.54
	01/09/02		5.06	25.38
	04/05/02		7.66	22.78
	07/02/02		9.57	20.87
	10/09/02		11.63	18.81
	12/05/02		12.86	17.58
	01/06/03		5.81	24.63
	04/08/03		5.10	25.34
	07/09/03		9.10	21.34
	10/08/03		11.18	19.26
	01/07/04		5.52	24.92
	04/14/04		7.55	22.89
	07/08/04		9.82	20.62
	11/01/04		10.76	19.68
	11/23/04		11.87	18.57
	01/11/05		6.99	23.45
MW-2	01/12/01	30.53	10.72	19.81
	04/05/01		10.49	20.04
	10/12/01	30.46[3]	12.88	17.58
	01/09/02		7.78	22.68
	04/05/02		9.43	21.03
	07/02/02		10.81	19.65
	10/09/02		12.48	17.98
	12/05/02		12.32	18.14
	01/06/03		8.14	22.32
	04/08/03		7.82	22.64
	07/09/03		10.53	19.93
	10/08/03		12.11	18.35
	01/07/04		8.84	21.62
	04/14/04		9.43	21.03
	07/08/04		11.05	19.41
	11/01/04		11.07	19.39
	11/23/04		11.35	19.11
	01/11/05		9.02	21.44
MW-3	01/12/01	28.52	9.73	18.79
	04/05/01		9.81	18.71
	10/12/01	28.51[3]	11.42	17.09
	01/09/02		7.78	20.73
	04/05/02		9.20	19.31
	07/02/02		10.04	18.47
	10/09/02		11.17	17.34

Table 2-1
Groundwater Elevation Summary
Price Trust Property, Crescent City, California

Sample Location	Date Measured	Top of Casing Elevation (feet MSL)[1]	Depth to Water[2] (feet)	Groundwater Elevation (feet MSL)
MW-3 cont'd	12/05/02		11.18	17.33
	01/06/03		8.15	20.36
	04/08/03		7.86	20.65
	07/09/03		9.72	18.79
	10/08/03		10.78	17.73
	01/07/04		7.89	20.62
	04/14/04		8.93	19.58
	07/08/04		9.91	18.60
	11/01/04		10.15	18.36
	11/23/04		10.26	18.25
	01/11/05		8.22	20.29
MW-4	04/05/01	29.33	8.50	20.83
	10/12/01	29.35[3]	10.94	18.41
	01/09/02		4.72	24.63
	04/05/02		6.87	22.48
	07/02/02		8.64	20.71
	10/09/02		10.67	18.68
	12/05/02		10.86	18.49
	01/06/03	29.35	5.30	24.05
	04/08/03		4.66	24.69
	07/09/03		8.21	21.14
	10/08/03		10.21	19.14
	01/07/04		5.18	24.17
	04/14/04		6.79	22.56
	07/08/04		8.88	20.47
	11/01/04		9.78	19.57
	11/23/04		9.89	19.46
	01/11/05		6.19	23.16
MW-5	04/05/01	29.09	9.12	19.97
	10/12/01		11.45	17.64
	01/09/02		6.06	23.03
	04/05/02		7.88	21.21
	07/02/02		9.44	19.65
	10/09/02		11.16	17.93
	12/05/02		11.26	17.83
	01/06/03		6.52	22.57
	04/08/03		6.12	22.97
	07/09/03		9.02	20.07
	10/08/03		10.72	18.37
	01/07/04		6.35	22.74
	04/14/04		6.67	22.42
	07/08/04		9.52	19.57
	11/01/04		10.11	18.98
	11/23/04		10.20	18.89
	01/11/05		6.91	22.18

Table 2-1
Groundwater Elevation Summary
Price Trust Property, Crescent City, California

Sample Location	Date Measured	Top of Casing Elevation (feet MSL)[1]	Depth to Water[2] (feet)	Groundwater Elevation (feet MSL)
MW-6	10/12/01	31.14	14.01	17.13
	01/09/02		9.41	21.73
	04/05/02		11.29	19.85
	07/02/02		12.44	18.70
	10/09/02		13.75	17.39
	12/05/02		13.72	17.42
	01/06/03		9.86	21.28
	04/08/03		9.61	21.53
	07/09/03		12.10	19.04
	10/08/03		13.35	17.79
	01/07/04		9.69	21.45
	04/14/04		11.19	19.95
	07/08/04		12.41	18.73
	11/01/04		12.64	18.50
	11/23/04		12.76	18.38
	01/11/05		10.27	20.87
MW-7	12/05/02	22.13	5.85	16.28
	01/06/03		2.77	19.36
	04/08/03		2.61	19.52
	07/09/03		4.70	17.43
	10/08/03		5.61	16.52
	01/07/04		2.51	19.69
	04/14/04		3.40	18.73
	07/08/04		4.83	17.30
	11/01/04		5.08	17.05
	11/23/04		5.28	16.85
	01/11/05		2.64	19.49

1. MSL: Mean Sea Level.
2. Below Top of Casing
3. On November 2, 2001 all site wells were resurveyed, well elevations were referenced to well MW-1 to the nearest 0.01-foot.

Table 2-2
Summary of Groundwater Flow Direction and Gradient
Price Trust Property, Crescent City, California

Date Measured	Groundwater Flow Direction	Groundwater Gradient (feet/foot)
1/12/2001	East	0.015
4/5/2001	East	0.020
10/12/2001	Northeast	0.018
1/9/2002	Northeast	0.035
4/5/2002	Northeast	0.029
7/2/2002	Northeast	0.020
10/9/2002	Northeast	0.013
12/5/2002	Northeast	0.032
1/6/2003	Northeast	0.039
4/8/2003	Northeast	0.029
7/9/2003	Northeast	0.035
10/8/2003	Northeast	0.026
1/7/2004	Northeast	0.040
4/14/2004	Northeast	0.030
7/8/2004	Northeast	0.030
11/1/2004	Northeast	0.018
1/11/2005	Northeast	0.030

Table 2-3
Groundwater Analytical Summary
Price Trust Property, Crescent City, California
(in ug/L)[1]

Sample Location	Sample Date	TPHMO[2]	TPHD[2]	TPHG[3]	B[4]	T[4]	E[4]	X[4]	MTBE[4]	N[5]
MW-1	01/12/01	<170[6]	<50	<50	<0.50	<0.50	<0.50	<0.50	NA[7]	NA
	04/05/01	NA	NA	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA
	10/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	01/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	NA
	04/05/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5
	07/02/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	11/01/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50[4]	<50	<0.50	<0.50	<0.50	<0.50	ND[5]	NA
MW-2	01/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/05/01	NA	NA	50	<0.50	<1.0	<0.50	<0.50	<3.0	NA
	10/12/01	740	<50	64	<0.50	<0.50	<0.50	0.56	<0.50	<2.5
	01/09/02	<170	<50	79	<0.50	<0.50	<0.50	0.52	<1.0	NA
	04/05/02	<170	<50	65	<0.50	<0.50	<0.50	0.51	<1.0	<2.5
	07/02/02	<170	<50	51	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/09/02	<170	<50	72	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	52	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<1.1	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	92	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	84	<0.50	<1.0	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	74	<0.50	<1.0	<0.50	<0.50	NA	NA
	11/01/04	NA	<50	60	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50	81	<0.50	<0.50	<0.50	<0.50	NA	NA
MW-3	01/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/05/01	NA	NA	<50	<0.50	<0.50	<0.50	<0.50	<3.0	NA
	10/12/01	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
	01/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	NA
	04/05/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.5
	07/02/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/09/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	11/01/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA

Table 2-3
Groundwater Analytical Summary
Price Trust Property, Crescent City, California
(in ug/L)[1]

Sample Location	Sample Date	TPHMO[2]	TPHD[2]	TPHG[3]	B[4]	T[4]	E[4]	X[4]	MTBE[4]	N[5]
MW-4	04/05/01	<170	1,700	13,000	230	110	120	990	230	NA
	10/12/01	<170	1,300	11,000	<2.5	<2.5	670	66.9	<2.5	270
	01/09/02	<170	260	7,000	<0.50	0.68	420	32.79	<1.0	NA
	04/05/02	<170	420	13,000	<0.50	0.84	760	78.6	<1.0	230
	07/02/02	<170	990	16,000	69	120	800	63	NA	270
	10/09/02	<170	710	15,000	<160	<300	850	<150	<400	210
	01/06/03	NA	1,200	9,900	<90	<170	460	<70	NA	100
	04/08/03	NA	1,100	7,800	<70	<180	520	51	NA	200
	07/09/03	NA	1,200	12,000	<120	<280	640	53	NA	130
	10/08/03	NA	530	13,000	<120	130	580	<80	NA	50
	01/07/04	NA	1,100	8,300	<80	<180	390	27	NA	NA
	04/14/04	NA	960	11,000	<90	<240	500	<75	NA	NA
	07/08/04	NA	1,700	12,000	<100	<250	590	<80	NA	NA
	11/01/04	NA	1,900	12,000	<0.50	0.84	390	25.64	NA	NA
	11/23/04	NA	NA	12,000	<250	190	580	82	NA	NA
	01/11/05	NA	1,400	13,000	<0.50	0.96	<0.50	29.76	NA	NA
MW-5	04/05/01	NA	NA	6,200	<25	<60	62	<25	39	NA
	10/12/01	<170	590	4,400	<1.0	1.1	19	4.8	<1.0	11
	01/09/02	<170	140	3,700	<0.50	0.73	18	5.2	<1.0	NA
	04/05/02	<170	160	4,300	<0.50	0.5	21	7.03	<1.0	6.3
	07/02/02	<170	330	5,100	<45	<40	<50	<26	NA	<5.0
	10/09/02	<170	220	4,600	<12	<70	<50	<35	<75	3.9
	01/06/03	NA	730	5,200	<15	<75	<40	<40	NA	4
	04/08/03	NA	520	3,700	<15	<66	<50	<25	NA	3.8
	07/09/03	NA	470	3,900	<9.5	<60	<30	24	NA	2.7
	10/08/03	NA	210	4,100	<5.0	<56	<38	<17	NA	<2.5
	01/07/04	NA	630	3,400	<55	<55	<30	<14	NA	NA
	04/14/04	NA	320	2,500	<5.0	<40	<25	<14	NA	NA
	07/08/04	NA	630	3,400	<35	<40	<20	<10	NA	NA
	11/01/04	NA	750	3,700	<0.50	<0.50	3.3	0.85	NA	NA
	11/23/04	NA	NA	3,600	<20	<60	<30	<40	NA	NA
	01/11/05	NA	550	2,300	<0.50	<0.50	3.6	0.8	NA	NA
MW-6	10/12/01	<170	420	5,700	11	4.4	96	31.9	<1.0	16
	01/09/02	<170	130	5,900	19	7.2	180	43.4	<1.0	NA
	04/05/02	<170	79	2,500	9.6	2.8	35	15.4	<1.0	6.7
	07/02/02	<170	140	2,900	<50	<41	31	14	NA	<2.5
	10/09/02	<170	100	3,300	32	<41	67	23	<100	2.7
	01/06/03	NA	410	4,300	<100	<80	120	24	NA	8.7
	04/08/03	NA	160	1,200	18	<20	24	7.3	NA	3.8
	07/09/03	NA	200	1,700	21	<40	29	11	NA	3.1
	10/08/03	NA	92	2,500	<38	<38	25	11	NA	<2.5
	01/07/04	NA	270	3,000	44	<60	92	16	NA	NA
	04/14/04	NA	140	1,300	<20	<24	16	6.9	NA	NA
	07/08/04	NA	210	1,400	<20	<20	15	6.6	NA	NA
	11/01/04	NA	290	2,200	8.7	3.9	12	15.5	NA	NA
	11/23/04	NA	NA	5,200	85	58	220	58	NA	NA
	01/11/05	NA	310	3,000	5.2	2.8	120	24.9	NA	NA

Table 2-3
Groundwater Analytical Summary
Price Trust Property, Crescent City, California
(in ug/L)[1]

Sample Location	Sample Date	TPHMO[2]	TPHD[2]	TPHG[3]	B[4]	T[4]	E[4]	X[4]	MTBE[4]	N[5]
MW-7	12/05/02	<170	<50	<50	<0.50	<0.50	<0.50	<0.50	<3.0	<2.5
	01/06/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	04/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	07/09/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	10/08/03	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<2.5
	01/07/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	04/14/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	07/08/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	11/01/04	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA
	01/11/05	NA	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	NA

1. ug/L: micrograms per Liter
2. Total Petroleum Hydrocarbons as Motor Oil (TPHMO) and as Diesel (TPHD) analyzed in general accordance with EPA Method 8015B.
3. Total Petroleum Hydrocarbons as Gasoline (TPHG) analyzed in general accordance with EPA Method 8015B.
4. Benzene (B), Toluene (T), Ethylbenzene (E), total Xylenes (X), and Methyl Tertiary-Butyl Ether (MTBE) analyzed in general accordance with EPA Method 8021B or 8260B.
5. Naphthalene (N) analyzed in general accordance with EPA Method 8310.
6. "<" denotes a laboratory value less than the method detection limit.
7. NA: Not Analyzed

Table 2-4
Summary of Natural Attenuation Results
Price Trust Property, Crescent City, California

Sample Location	Sample Date	DO[1] (ppm)	DCO_2[1] (ppm)[2]	ORP[1] (ppm)	Diss. Fe[3] (ug/L)[4]	NO_3[5] (mg/L)[6]	SO_4[5] (mg/L)	Alk[7] (mg/L)	Methane[8] (ug/L)
MW-1	01/12/01	2.50	40	140	<100[9]	2	16	66	NA[10]
	04/05/01	4.36	45	99	<100	0.76	11	86	<0.010
	10/12/01	1.18	40	39	NA	NA	NA	NA	NA
	01/09/02	3.42	40	50	NA	NA	NA	NA	NA
	04/05/02	3.48	35	127	NA	NA	NA	NA	NA
	07/02/02	3.37	30	151	<100	NA	NA	NA	NA
	10/09/02	3.55	40	177	<100	NA	NA	NA	NA
	01/06/03	4.03	40	223	<100	NA	NA	NA	NA
	04/08/03	6.55	30	256	<100	NA	NA	NA	NA
	07/09/03	3.99	30	275	<100	NA	NA	NA	NA
	10/08/03	4.12	25	281	NA	NA	NA	NA	NA
	01/07/04	5.47	20	303	NA	NA	NA	NA	NA
	04/14/04	5.49	25	264	NA	NA	NA	NA	NA
	07/08/04	4.19	40	106	NA	NA	NA	NA	NA
	11/01/04	3.53	25	85	<500	0.96	16	72	NA
	11/23/04	5.70	60	1.25	NA	NA	NA	NA	NA
	01/11/05	6.86	25	-15	<300	0.30	26	52	NA
MW-2	01/12/01	0.73	120	79	9,700	<0.10	2.9	190	NA
	04/05/01	1.48	125	80	21,000	<0.10	<0.50	220	8.3
	10/12/01	0.61	150	22	NA	NA	NA	NA	NA
	01/09/02	0.28	120	128	NA	NA	NA	NA	NA
	04/05/02	0.91	100	148	NA	NA	NA	NA	NA
	07/02/02	0.48	120	188	19,000	NA	NA	NA	NA
	10/09/02	0.36	120	161	20,000	NA	NA	NA	NA
	01/06/03	0.34	160	209	18,000	NA	NA	NA	NA
	04/08/03	0.37	80	254	18,000	NA	NA	NA	NA
	07/09/03	0.53	130	277	26,000	NA	NA	NA	NA
	10/08/03	0.89	140	275	NA	NA	NA	NA	NA
	01/07/04	0.60	120	293	NA	NA	NA	NA	NA
	04/14/04	0.69	100	260	NA	NA	NA	NA	NA
	07/08/04	0.65	180	-98	NA	NA	NA	NA	NA
	11/01/04	0.75	80	27	6,100	<0.10	2.4	160	NA
	11/23/04	3.03	215	-16	NA	NA	NA	NA	NA
	01/11/05	0.86	370	-71	52,000	<0.10	1.2	420	NA
MW-3	01/12/01	0.71	40	27	280	<0.10	11	95	NA
	04/05/01	1.26	50	81	530	<0.10	11	230	<0.010
	10/12/01	0.29	60	56	NA	NA	NA	NA	NA
	01/09/02	0.28	50	141	NA	NA	NA	NA	NA
	04/05/02	0.26	40	151	NA	NA	NA	NA	NA
	07/02/02	0.29	30	188	720	NA	NA	NA	NA
	10/09/02	0.78	35	195	600	NA	NA	NA	NA
	01/06/03	0.41	65	224	190	NA	NA	NA	NA
	04/08/03	0.40	35	258	340	NA	NA	NA	NA
	07/09/03	0.50	30	273	270	NA	NA	NA	NA
	10/08/03	0.55	25	284	NA	NA	NA	NA	NA
	01/07/04	0.71	20	294	NA	NA	NA	NA	NA
	04/14/04	0.73	25	253	NA	NA	NA	NA	NA

Table 2-4
Summary of Natural Attenuation Results
Price Trust Property, Crescent City, California

Sample Location	Sample Date	DO[1] (ppm)	DCO_2[1] (ppm)[2]	ORP[1] (ppm)	Diss. Fe[3] (ug/L)[4]	NO_3[5] (mg/L)[6]	SO_4[5] (mg/L)	Alk[7] (mg/L)	Methane[8] (ug/L)
MW-3 Cont'd	07/08/04	0.61	40	61	NA	NA	NA	NA	NA
	11/01/04	0.76	30	91	<500	<0.10	13	69	NA
	11/23/04	2.54	50	132	NA	NA	NA	NA	NA
	01/11/05	1.06	20	53	<300	<0.10	12	80	NA
MW-4	04/05/01	1.81	150	110	41,000	<0.10	11	100	4.6
	10/12/01	0.15	325	15	NA	NA	NA	NA	NA
	01/09/02	0.18	120	75	NA	NA	NA	NA	NA
	04/05/02	0.21	150	123	NA	NA	NA	NA	NA
	07/02/02	1.06	170	153	44,000	NA	NA	NA	NA
	10/09/02	0.29	80	147	29,000	NA	NA	NA	NA
	01/06/03	0.31	170	152	32,000	NA	NA	NA	NA
	04/08/03	0.39	100	232	24,000	NA	NA	NA	NA
	07/09/03	0.41	110	256	26,000	NA	NA	NA	NA
	10/08/03	0.53	120	-201	NA	NA	NA	NA	NA
	01/07/04	0.93	150	278	NA	NA	NA	NA	NA
	04/14/04	0.76	120	242	NA	NA	NA	NA	NA
	07/08/04	0.63	200	-84	NA	NA	NA	NA	NA
	11/01/04	0.75	120	-18	22,000	0.11	1.5	120	NA
	11/23/04	3.28	215	60	NA	NA	NA	NA	NA
	01/11/05	0.86	750	-77	230,000	0.28	7.9	530	NA
MW-5	04/05/01	0.91	120	96	14,000	<0.10	3.1	320	4.3
	10/12/01	0.16	250	51	NA	NA	NA	NA	NA
	01/09/02	0.19	100	111	NA	NA	NA	NA	NA
	04/05/02	0.21	50	114	NA	NA	NA	NA	NA
	07/02/02	0.27	60	135	12,000	NA	NA	NA	NA
	10/09/02	0.29	120	154	13,000	NA	NA	NA	NA
	01/06/03	0.33	165	171	17,000	NA	NA	NA	NA
	04/08/03	0.61	45	236	12,000	NA	NA	NA	NA
	07/09/03	0.40	50	255	24,000	NA	NA	NA	NA
	10/08/03	0.52	60	-205	NA	NA	NA	NA	NA
	01/07/04	0.56	80	274	NA	NA	NA	NA	NA
	04/14/04	5.60	30	240	NA	NA	NA	NA	NA
	07/08/04	0.57	70	-87	NA	NA	NA	NA	NA
	11/01/04	0.69	70	13	6,900	<0.10	1.7	96	NA
	11/23/04	2.79	200	3	NA	NA	NA	NA	NA
	01/11/05	0.82	195	10	14,000	<0.10	1.5	170	NA
MW-6	10/12/01	0.16	150	62	NA	NA	NA	NA	NA
	01/09/02	0.20	120	121	NA	NA	NA	NA	NA
	04/05/02	0.44	100	103	NA	NA	NA	NA	NA
	07/02/02	0.26	100	188	29,000	NA	NA	NA	NA
	10/09/02	0.29	120	154	25,000	NA	NA	NA	NA
	01/06/03	0.33	160	177	24,000	NA	NA	NA	NA
	04/08/03	0.29	95	244	27,000	NA	NA	NA	NA
	07/09/03	0.44	80	266	11,000	NA	NA	NA	NA
	10/08/03	0.48	100	268	NA	NA	NA	NA	NA
	01/07/04	0.57	90	280	NA	NA	NA	NA	NA
	04/14/04	0.61	70	245	NA	NA	NA	NA	NA

Table 2-4
Summary of Natural Attenuation Results
Price Trust Property, Crescent City, California

Sample Location	Sample Date	DO[1] (ppm)	DCO_2[1] (ppm)[2]	ORP[1] (ppm)	Diss. Fe[3] (ug/L)[4]	NO_3[5] (mg/L)[6]	SO_4[5] (mg/L)	Alk[7] (mg/L)	Methane[8] (ug/L)
MW-6 Cont'd	07/08/04	0.58	100	-93	NA	NA	NA	NA	NA
	11/01/04	0.69	220	-45	22,000	<0.10	1.7	150	NA
	11/23/04	2.85	850	-8	NA	NA	NA	NA	NA
	01/11/05	0.92	500	-2	42,000	<0.10	1.5	170	NA
MW-7	12/05/02	1.82	20	244	<100	NA	NA	NA	NA
	01/06/03	4.81	15	168	<100	NA	NA	NA	NA
	04/08/03	6.96	20	224	<100	NA	NA	NA	NA
	07/09/03	6.33	20	249	<100	NA	NA	NA	NA
	10/08/03	3.92	20	265	NA	NA	NA	NA	NA
	01/07/04	5.92	15	276	NA	NA	NA	NA	NA
	04/14/04	7.21	15	246	NA	NA	NA	NA	NA
	07/08/04	5.78	40	115	NA	NA	NA	NA	NA
	11/01/04	4.81	20	98	<500	1.3	11	65	NA
	11/23/04	6.02	40	117	NA	NA	NA	NA	NA
	01/11/05	5.52	20	100	<300	1.7	10	62	NA

1. Dissolved Carbon Dioxide (DCO_2) measured with a field test kit, Dissolved Oxygen (DO), and Oxidation-Redu
2. ppm: parts per million
3. Dissolved iron (Diss. Fe) analyzed in general accordance with EPA Method 200.7.
4. ug/L: micrograms per Liter
5. Nitrate (NO_3) and Sulfate (SO_4) analyzed in general accordance with EPA Method 300.0.
6. mg/L: milligrams per Liter.
7. Alkalinity (Alk) analyzed in general accordance with EPA Method 2320B.
8. Dissolved Methane (Methane) analyzed in general accordance with RSK-175.
9. <: denotes a laboratory value less than the method detection limit.
10. NA: Not Analyzed

Table 2-5
Summary of Inorganic Analysis
Price Trust Property, Crescent City, California
(in mg/L)[1]

Sample Location	Sample Date	Ammonia Nitrogen	COD[2]	TPP[3]	Alkalinity	Sulfate	Nitrate	TDS[4]	H_2O_2[5]	Citric Acid
MW-1	11/1/04	<0.20[6]	<5.0	<0.020	72	16	0.96	130	NA	NA
	1/11/05	<0.20	13	0.054	52	26	0.30	130	8.5	<10
MW-2	11/1/04	1.5	30	0.075	160	2.4	<0.10	200	NA	<10
	1/11/05	1.3	630	0.063	420	1.2	<0.10	830	5.5	<10
MW-3	11/1/04	<0.20	13	0.032	69	13	<0.10	140	NA	NA
	1/11/05	<0.20	6.0	0.038	80	12	<0.10	150	0.9	<10
MW-4	11/1/04	0.39	61	0.17	120	1.5	0.11	160	NA	NA
	1/11/05	0.32	830	0.23	530	7.9	0.28	1,100	35.2	<10
MW-5	11/1/04	0.22	46	0.23	96	1.7	<0.10	140	NA	NA
	1/11/05	<0.20	110	0.074	170	1.5	<0.10	280	2.1	<10
MW-6	11/1/04	2.6	61	0.13	150	1.7	<0.10	190	NA	NA
	1/11/05	2.1	280	0.23	170	1.5	<0.10	370	1.1	<10
MW-7	11/1/04	<0.20	8.2	0.12	65	11	1.3	140	NA	NA
	1/11/05	<0.20	<5.0	0.003	62	10	1.7	140	1.0	<10

1. mg/L: milligrams per Liter
2. COD: Chemical Oxygen Demand analyzed in general accordance with EPA Method No. 410.4
3. TPP: Total Phosphate as Phosphorous analyzed in general accordance with EPA Method No. 365.2.
4. TDS: Total Dissolved Solids analyzed in general accordance with EPA Method No. 160.1
5. H_2O_2: Hydrogen peroxide analyzed by titration
6. <: denotes a value less than the laboratory detection limit.
7. NA: Not Analyzed

Table 2-6
Summary of Dissolved Metal Analysis
Price Turst Property. Crescent City, California
(in ug/L)[1]

Sample Location	Sample Date	Fe[2]	Be[2]	Al[2]	V[2]	Cr[2]	Mn[2]	Co[2]	Ni[2]	Cu[2]	Zn[2]	As[2]	Se[2]	Mo[2]	Ag[2]	Cd[2]	Sb[2]	Ba[2]	Hg[2]	Tl[2]	Pb[2]	U[2]
CA Primary MCL[3]		300 (sec)[4]	4	1,000	NA[5]	50	50 (sec)	NA	100	1,300	5,000 (sec)	50	50	NA	100 (sec)	5	6	1,000	2	2	15	NA
MW-1	11/1/04	<500	<4.0	<200	<3.0	<5.0	<5.0	<5.0	6.7	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
	1/11/05	<300	<4.0	<200	<3.0	9.5	<5.0	<5.0	7.2	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
MW-2	11/1/04	6,100	<4.0	<200	<3.0	<5.0	730	<5.0	<5.0	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	110	<1.0	<2.0	<5.0	<5.0
	1/11/05	52,000	<4.0	2,600	<3.0	16	3,100	<5.0	10	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	300	<1.0	<2.0	<5.0	<5.0
MW-3	11/1/04	<500	<4.0	<200	<3.0	<5.0	890	5.8	<5.0	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.4	<1.0	<2.0	<5.0	<5.0
	1/11/05	<300	<4.0	<200	<3.0	<5.0	620	<5.0	9.4	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.5	<1.0	<2.0	<5.0	<5.0
MW-4	11/1/04	22,000	<4.0	<200	<3.0	<5.0	1,300	<5.0	<5.0	<10	<100	11	<5.0	<5.0	<5.0	<5.0	<5.0	8.7	<1.0	<2.0	<5.0	<5.0
	1/11/05	230,000	<4.0	1,400	<3.0	210	7,800	6.1	12	<10	<100	12	<5.0	<5.0	<5.0	<5.0	<5.0	41	<1.0	<2.0	45	<5.0
MW-5	11/1/04	6,900	<4.0	<200	<3.0	<5.0	1,700	<5.0	<5.0	<10	<100	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	6.8	<1.0	<2.0	<5.0	<5.0
	1/11/05	14,000	<4.0	770	<3.0	45	3,500	<5.0	6.1	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.1	<1.0	<2.0	<5.0	<5.0
MW-6	11/1/04	22,000	<4.0	<200	<3.0	<5.0	2,600	<5.0	<5.0	<10	<100	14	<5.0	<5.0	<5.0	<5.0	<5.0	25	<1.0	<2.0	<5.0	<5.0
	1/11/05	42,000	<4.0	720	<3.0	58	5,400	10	26	<10	<100	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	45	<1.0	<2.0	<5.0	<5.0
MW-7	11/1/04	<500	<4.0	<200	<3.0	13	<5.0	<5.0	17	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0
	1/11/05	<300	<4.0	<200	<3.0	21	<5.0	<5.0	14	<10	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<2.0	<5.0	<5.0

1. ug/L: micrograms per Liter
2. Metals, abbreviated as follows:

Fe: Iron	Co: Cobalt	Mo: Molybdenum	Tl: Thallium
Be: Beryllium	Ni: Nickel	Ag: Silver	Pb: Lead
Al: Aluminum	Cu: Copper	Cd: Cadmium	U: Uranium
V: Vanadium	Zn: Zinc	Sb: Antimony	
Cr: Chromium	As: Arsenic	Ba: Barium	
Mn: Manganese	Se: Selenium	Hg: Mercury	

3. CA Primary MCL. California Department of Health Services Primary Maximum Contaminant Level (Marshack, 2004)
4. sec: California Department of Health Services Secondary Maximum Contaminant Level (Marshack, 2004)
5. NA: Not Available

Attachment 3

Laboratory Analytical Reports

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ANALYTICAL REPORT

Northcoast Laboratories
5680 West End Road
Arcata, CA 95521

Attn: Loretta Tomlin
Phone: (707) 822-4649
Fax: (707) 822-6831
Date Received 01/13/05

Job#:

Dissolved Metals by ICPMS
EPA Method 200.8

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	0501203-1K MW-7 (Dissolved)					
Lab ID :	NOC05011302-01A	Beryllium, Dissolved	ND	4.0 µg/L	01/11/05	01/20/05
		Aluminum, Dissolved	ND	200 µg/L	01/11/05	01/20/05
		Vanadium, Dissolved	ND	3.0 µg/L	01/11/05	01/20/05
		Chromium, Dissolved	21	5.0 µg/L	01/11/05	01/20/05
		Manganese, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cobalt, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Nickel, Dissolved	14	5.0 µg/L	01/11/05	01/20/05
		Copper, Dissolved	ND	10 µg/L	01/11/05	01/20/05
		Zinc, Dissolved	ND	100 µg/L	01/11/05	01/20/05
		Arsenic, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Selenium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Molybdenum, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Silver, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cadmium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Antimony, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Barium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Mercury, Dissolved	ND	1.0 µg/L	01/11/05	01/20/05
		Thallium, Dissolved	ND	2.0 µg/L	01/11/05	01/20/05
		Lead, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Uranium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Client ID :	0501203-2K MW-1 (Dissolved)					
Lab ID :	NOC05011302-02A	Beryllium, Dissolved	ND	4.0 µg/L	01/11/05	01/20/05
		Aluminum, Dissolved	ND	200 µg/L	01/11/05	01/20/05
		Vanadium, Dissolved	ND	3.0 µg/L	01/11/05	01/20/05
		Chromium, Dissolved	9.5	5.0 µg/L	01/11/05	01/20/05
		Manganese, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cobalt, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Nickel, Dissolved	7.2	5.0 µg/L	01/11/05	01/20/05
		Copper, Dissolved	ND	10 µg/L	01/11/05	01/20/05
		Zinc, Dissolved	ND	100 µg/L	01/11/05	01/20/05
		Arsenic, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Selenium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Molybdenum, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Silver, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cadmium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Antimony, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Barium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Mercury, Dissolved	ND	1.0 µg/L	01/11/05	01/20/05
		Thallium, Dissolved	ND	2.0 µg/L	01/11/05	01/20/05
		Lead, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Uranium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05

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Client ID :	0501203-3K MW-3 (Dissolved)					
Lab ID :	NOC05011302-03A	Beryllium, Dissolved	ND	4.0 µg/L	01/11/05	01/20/05
		Aluminum, Dissolved	ND	200 µg/L	01/11/05	01/20/05
		Vanadium, Dissolved	ND	3.0 µg/L	01/11/05	01/20/05
		Chromium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Manganese, Dissolved	620	5.0 µg/L	01/11/05	01/20/05
		Cobalt, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Nickel, Dissolved	9.4	5.0 µg/L	01/11/05	01/20/05
		Copper, Dissolved	ND	10 µg/L	01/11/05	01/20/05
		Zinc, Dissolved	ND	100 µg/L	01/11/05	01/20/05
		Arsenic, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Selenium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Molybdenum, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Silver, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cadmium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Antimony, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Barium, Dissolved	8.5	5.0 µg/L	01/11/05	01/20/05
		Mercury, Dissolved	ND	1.0 µg/L	01/11/05	01/20/05
		Thallium, Dissolved	ND	2.0 µg/L	01/11/05	01/20/05
		Lead, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Uranium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Client ID :	0501203-4K MW-2 (Dissolved)					
Lab ID :	NOC05011302-04A	Beryllium, Dissolved	ND	4.0 µg/L	01/11/05	01/20/05
		Aluminum, Dissolved	2,600	200 µg/L	01/11/05	01/20/05
		Vanadium, Dissolved	ND	3.0 µg/L	01/11/05	01/20/05
		Chromium, Dissolved	16	5.0 µg/L	01/11/05	01/20/05
		Manganese, Dissolved	3,100	5.0 µg/L	01/11/05	01/20/05
		Cobalt, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Nickel, Dissolved	10	5.0 µg/L	01/11/05	01/20/05
		Copper, Dissolved	ND	10 µg/L	01/11/05	01/20/05
		Zinc, Dissolved	ND	100 µg/L	01/11/05	01/20/05
		Arsenic, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Selenium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Molybdenum, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Silver, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cadmium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Antimony, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Barium, Dissolved	300	5.0 µg/L	01/11/05	01/20/05
		Mercury, Dissolved	ND	1.0 µg/L	01/11/05	01/20/05
		Thallium, Dissolved	ND	2.0 µg/L	01/11/05	01/20/05
		Lead, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Uranium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05

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Client ID :	0501203-5K MW-6 (Dissolved)					
Lab ID :	NOC05011302-05A	Beryllium, Dissolved	ND	4.0 µg/L	01/11/05	01/20/05
		Aluminum, Dissolved	720	200 µg/L	01/11/05	01/20/05
		Vanadium, Dissolved	ND	3.0 µg/L	01/11/05	01/20/05
		Chromium, Dissolved	58	5.0 µg/L	01/11/05	01/20/05
		Manganese, Dissolved	5,400	50 µg/L	01/11/05	01/20/05
		Cobalt, Dissolved	10	5.0 µg/L	01/11/05	01/20/05
		Nickel, Dissolved	26	5.0 µg/L	01/11/05	01/20/05
		Copper, Dissolved	ND	10 µg/L	01/11/05	01/20/05
		Zinc, Dissolved	ND	100 µg/L	01/11/05	01/20/05
		Arsenic, Dissolved	5.9	5.0 µg/L	01/11/05	01/20/05
		Selenium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Molybdenum, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Silver, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cadmium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Antimony, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Barium, Dissolved	45	5.0 µg/L	01/11/05	01/20/05
		Mercury, Dissolved	ND	1.0 µg/L	01/11/05	01/20/05
		Thallium, Dissolved	ND	2.0 µg/L	01/11/05	01/20/05
		Lead, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Uranium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Client ID :	0501203-6K MW-5 (Dissolved)					
Lab ID :	NOC05011302-06A	Beryllium, Dissolved	ND	4.0 µg/L	01/11/05	01/20/05
		Aluminum, Dissolved	770	200 µg/L	01/11/05	01/20/05
		Vanadium, Dissolved	ND	3.0 µg/L	01/11/05	01/20/05
		Chromium, Dissolved	45	5.0 µg/L	01/11/05	01/20/05
		Manganese, Dissolved	3,500	5.0 µg/L	01/11/05	01/20/05
		Cobalt, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Nickel, Dissolved	6.1	5.0 µg/L	01/11/05	01/20/05
		Copper, Dissolved	ND	10 µg/L	01/11/05	01/20/05
		Zinc, Dissolved	ND	100 µg/L	01/11/05	01/20/05
		Arsenic, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Selenium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Molybdenum, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Silver, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Cadmium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Antimony, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Barium, Dissolved	9.1	5.0 µg/L	01/11/05	01/20/05
		Mercury, Dissolved	ND	1.0 µg/L	01/11/05	01/20/05
		Thallium, Dissolved	ND	2.0 µg/L	01/11/05	01/20/05
		Lead, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
		Uranium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05

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Client ID: 0501103-7K MW-4 (Dissolved)
Lab ID: NOC05011302-07A

Beryllium, Dissolved	ND	4.0 µg/L	01/11/05	01/20/05
Aluminum, Dissolved	1,400	200 µg/L	01/11/05	01/20/05
Vanadium, Dissolved	ND	3.0 µg/L	01/11/05	01/20/05
Chromium, Dissolved	210	5.0 µg/L	01/11/05	01/20/05
Manganese, Dissolved	7,800 *	50 µg/L	01/11/05	01/20/05
Cobalt, Dissolved	6.1	5.0 µg/L	01/11/05	01/20/05
Nickel, Dissolved	12	5.0 µg/L	01/11/05	01/20/05
Copper, Dissolved	ND	10 µg/L	01/11/05	01/20/05
Zinc, Dissolved	ND	100 µg/L	01/11/05	01/20/05
Arsenic, Dissolved	12	5.0 µg/L	01/11/05	01/20/05
Selenium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Molybdenum, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Silver, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Cadmium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Antimony, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05
Barium, Dissolved	41	5.0 µg/L	01/11/05	01/20/05
Mercury, Dissolved	ND	1.0 µg/L	01/11/05	01/20/05
Thallium, Dissolved	ND	2.0 µg/L	01/11/05	01/20/05
Lead, Dissolved	45	5.0 µg/L	01/11/05	01/20/05
Uranium, Dissolved	ND	5.0 µg/L	01/11/05	01/20/05

*Note: Analyte was analyzed separately on 1/24/05.

Reported in micrograms per liter, per client request.

ND = Not Detected

Roger Scholl Randy Gardner Walter Kirchner

Roger L. Scholl, Ph.D., Laboratory Director • Randy Gardner, Laboratory Manager • Walter Kirchner, Quality Assurance Officer
Sacramento, CA • (916) 366-0089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

1/25/05
Report Date

NORTH COAST LABORATORIES LTD.

Sub-Contract
Chain of Custody Record

Date Shipped: 1/12/05 **Carrier:** UPS

Air Bill #: _____ **Cooler #:** _____

Subcontractor: Alpha Analytical - Ukiah
860 Waugh Lane, H-1
Ukiah, CA 95482

Phone: (707) 468-0401
Attention Line: Karen Daly

Send Results to: North Coast Labs
5680 West End Road
Arcata, CA 95521
Attn: Loretta Tomlin
(707) 822-4649

Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
[signature]	1/12/05 1500	[signature]	1/13/05 11:40

Analysis Request

NOCO5011302

NCL Sample #:	Sample ID:	Date Sampled:	Analysis / Matrix:
0501203-24	[illegible]	[illegible]	[illegible]
-01 0501203-1K	MW-7 (Dissolved)	1/11/05 9:10:00 AM	Subcontract Metals/Aqueous--SEE ATTACHED LIST AND LAST COPY OF REPORT
-02 0501203-2K	MW-1 (Dissolved)	1/11/05 10:10:00 AM	Subcontract Metals/Aqueous--SEE ATTACHED LIST AND LAST COPY OF REPORT
-03 0501203-3K	MW-3 (Dissolved)	1/11/05 11:20:00 AM	Subcontract Metals/Aqueous--SEE ATTACHED LIST AND LAST COPY OF REPORT
-04 0501203-4K	MW-2 (Dissolved)	1/11/05 1:20:00 PM	Subcontract Metals/Aqueous--SEE ATTACHED LIST AND LAST COPY OF REPORT
-05 0501203-5K	MW-8 (Dissolved)	1/11/05 1:35:00 PM	Subcontract Metals/Aqueous--SEE ATTACHED LIST AND LAST COPY OF REPORT
-06 0501203-6K	MW-5 (Dissolved)	1/11/05 11:25:00 AM	Subcontract Metals/Aqueous--SEE ATTACHED LIST AND LAST COPY OF REPORT
-07 0501203-7K	MW-4 (Dissolved)	1/11/05 12:40:00 PM	Subcontract Metals/Aqueous--SEE ATTACHED LIST AND LAST COPY OF REPORT

Aluminum
Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Cobalt
Copper
Iron
Lead
Manganese
Mercury
Molybdenum
Nickel
Selenium
Silver
Thallium
Vanadium
Uranium
Zinc

Special Instructions: Please include QC Data. PLEASE SEE OLD REPORT AND ATTACHED LIST

Date Due: 1/25/05 Rush Charges Authorized: NO Preservative: HNO_3

Return Chain of Custody to NCL

Alpha Analytical, Inc.
255 Glendale Ave. - Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Northcoast Laboratories
5680 West End Road
Arcata, CA 95521

Attn: Loretta Tomlin
Phone: (707) 822-4649
Fax: (707) 822-6831
Date Received 01/13/05

Job#:

Iron by Spectrophotometer
SM3500-Fe D

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID:	0501203-1K MW-7 (Dissolved)					
Lab ID:	NOC05011302-01A	Iron, Dissolved	ND	300 µg/L	01/11/05	01/28/05
Client ID:	0501203-2K MW-1 (Dissolved)					
Lab ID:	NOC05011302-02A	Iron, Dissolved	ND	300 µg/L	01/11/05	01/28/05
Client ID:	0501203-3K MW-3 (Dissolved)					
Lab ID:	NOC05011302-03A	Iron, Dissolved	ND	300 µg/L	01/11/05	01/28/05
Client ID:	0501203-4K MW-2 (Dissolved)					
Lab ID:	NOC05011302-04A	Iron, Dissolved	52,000	1,200 µg/L	01/11/05	01/28/05
Client ID:	0501203-5K MW-6 (Dissolved)					
Lab ID:	NOC05011302-05A	Iron, Dissolved	42,000	1,200 µg/L	01/11/05	01/28/05
Client ID:	0501203-6K MW-5 (Dissolved)					
Lab ID:	NOC05011302-06A	Iron, Dissolved	14,000	300 µg/L	01/11/05	01/28/05
Client ID:	0501203-7K MW-4 (Dissolved)					
Lab ID:	NOC05011302-07A	Iron, Dissolved	230,000	6,000 µg/L	01/11/05	01/28/05

Reported in micrograms per liter, per client request.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / info@alpha-analytical.com

1/28/05
Report Date

NORTH COAST
LABORATORIES LTD.

January 26, 2005

Pvt. cust. paying on pickup

Order No.: 0501203
Invoice No.: 47710
PO No.:
ELAP No. 1247-Expires July 2006

Attn: Charlene Patterson-Patterson Accounting Corp.

RE: 093168, Price Trust

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-7
01C	MW-7
01F	MW-7
01I	MW-7
01J	MW-7
02A	MW-1
02C	MW 1
02F	MW-1
02I	MW-1
02J	MW-1
03A	MW-3
03C	MW-3
03F	MW-3
03I	MW-3
03J	MW-3
04A	MW-2
04C	MW-2
04F	MW-2
04I	MW-2
04J	MW-2
05A	MW-6
05C	MW-6
05F	MW-6
05I	MW-6
05J	MW 6
06A	MW-5
06C	MW-5
06F	MW-5

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s)

QA Unit

Jesse G. Chaney, Jr.
Laboratory Director

January 26, 2005

Pvt. cust. paying on pickup

,

Attn: Charlene Patterson-Patterson Accounting

RE: 093168, Price Trust

Order No.: 0501203
Invoice No.: 47710
PO No.:
ELAP No. 1247-Expires July 2005

SAMPLE IDENTIFICATION

06I	MW-5
06J	MW-5
07A	MW-4
07C	MW-4
07F	MW-4
07I	MW-4
07J	MW-4

North Coast Laboratories, Ltd. Date: *26-Jan-05*

CLIENT: Pvt. cust. paying on pickup
Project: 093168, Price Trust
Lab Order: 0501203

CASE NARRATIVE

TPH as Diesel:
Samples MW-6, MW-5 and MW-4 contain some material lighter than diesel. However, some of this material extends into the diesel range of molecular weights. These samples also contain material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.

The surrogate recoveries were above the upper acceptance limit for sample MW-5 and the laboratory control sample/laboratory control sample duplicate (LCS/LCSD). The LCS/LCSD recoveries were within the acceptance limits for diesel; therefore, the data were accepted.

The relative percent difference (RPD) for the laboratory control samples was above the upper acceptance limit for diesel. Due to a laboratory error, the LCS and LCSD were fortified at different levels and are not comparable.

TPH as Gasoline:
Samples MW-2, MW-6, MW-5 and MW-4 do not present a peak pattern consistent with that of gasoline. The reported results represent the amount of material in the gasoline range.

EPA 8260:
Some reporting limits were raised for samples MW-6, MW-5 and MW-4 due to matrix interference.

Sample MW-4 was diluted and the reporting limit for 1,1,2-trichloroethane was raised additionally due to matrix interference.

The dibromofluoromethane surrogate recoveries were below the lower acceptance limit for samples MW-6, MW-5 and MW-4. All of the other surrogate standard recoveries were within the acceptance limits; therefore, the data were accepted.

The LCS/LCSD recoveries were above the upper acceptance limits for several analytes. These recoveries indicate that the sample results may be erroneously high. There were no detectable levels of the analytes in the samples, with the exception of o-xylene. The reported results for o-xylene may be higher than the actual amount present in the samples.

The 1,4-dichlorobenzene-d4 surrogate recoveries were above the upper acceptance limit for the LCS/LCSD. All of the other surrogate standard recoveries were within the acceptance limits; therefore, the data were accepted.

The RPD for the laboratory control samples was above the upper acceptance limit for 1,1-dichloroethene. This indicates that the results could be variable. Since there were no detectable levels of the analyte in the samples, the data were accepted.

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5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

CLIENT:	Pvt. cust. paying on pickup
Project:	093168, Price Trust
Lab Order:	0501203

CASE NARRATIVE

COD:
The matrix spike/matrix spike duplicate (MS/MSD) recoveries were below the lower acceptance limits. This may indicate a negative sample matrix interference for this analyte.

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-7 **Received:** 1/11/05 **Collected:** 1/11/05 9:10
Lab ID: 0501203-01A

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	1/20/05	1/20/05
Surrogate: N-Tricosane	101	27.6-107	% Rec	1.0	1/20/05	1/20/05

Client Sample ID: MW-7 **Received:** 1/11/05 **Collected:** 1/11/05 9:10
Lab ID: 0501203-01C

Test Name: TPH as Gasoline **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		1/19/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-7 **Received:** 1/11/05 **Collected:** 1/11/05 9:10
Lab ID: 0501203-01F

Test Name: EPA 8260B **Reference:** EPA 5030B/8260B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND	2.0	µg/L	1.0		1/18/05
Vinyl chloride	ND	1.0	µg/L	1.0		1/18/05
Bromomethane	ND	1.0	µg/L	1.0		1/18/05
Chloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichlorofluoromethane	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Methylene chloride	ND	2.0	µg/L	1.0		1/18/05
trans-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Chloroform	ND	1.0	µg/L	1.0		1/18/05
Carbon Tetrachloride	ND	1.0	µg/L	1.0		1/18/05
1,1,1-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Benzene	ND	0.50	µg/L	1.0		1/18/05
1,2-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichloropropane	ND	1.0	µg/L	1.0		1/18/05
Bromodichloromethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
Toluene	ND	0.50	µg/L	1.0		1/18/05
Tetrachloroethene	ND	1.0	µg/L	1.0		1/18/05
trans-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
1,1,2-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Dibromochloromethane	ND	1.0	µg/L	1.0		1/18/05
Chlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Ethylbenzene	ND	0.50	µg/L	1.0		1/18/05
m,p-Xylene	ND	0.50	µg/L	1.0		1/18/05
o-Xylene	ND	0.50	µg/L	1.0		1/18/05
Bromoform	ND	1.0	µg/L	1.0		1/18/05
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1.0		1/18/05
1,3-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,4-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Surrogate: 1,2-Dichloroethane-d4	89.2	80-120	% Rec	1.0		1/18/05
Surrogate: 1,4-Dichlorobenzene-d4	94.7	80-120	% Rec	1.0		1/18/05
Surrogate: Dibromofluoromethane	97.9	80-120	% Rec	1.0		1/18/05
Surrogate: Toluene-d8	91.0	80-120	% Rec	1.0		1/18/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-7 **Received:** 1/11/05 **Collected:** 1/11/05 9:10
Lab ID: 0501203-01I

Test Name: Ammonia Nitrogen without distillation **Reference:** EPA 350.3

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Ammonia Nitrogen	ND	0.20	mg/L	1.0		1/12/05

Test Name: Chemical Oxygen Demand **Reference:** EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	ND	5.0	mg/L	1.0	1/20/05	1/20/05

Test Name: Total Phosphate Phosphorus **Reference:** EPA 365.2

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Phosphate Phosphorus	0.003	0.020	mg/L	1.0	1/19/05	1/20/05

Client Sample ID: MW-7 **Received:** 1/11/05 **Collected:** 1/11/05 9:10
Lab ID: 0501203-01J

Test Name: Alkalinity **Reference:** Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	62	1.0	mg/L CaCO3	1.0		1/21/05

Test Name: Chloride, sulfate, fluoride, bromide **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	10	0.50	mg/L	1.0		1/12/05

Test Name: Nitrate/Nitrite **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	1.7	0.10	mg/L	1.0		1/12/05

Test Name: Total Dissolved Solids **Reference:** EPA 160.1

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Dissolved Solids	140	10	mg/L	1.0		1/17/05

Client Sample ID: MW-1 **Received:** 1/11/05 **Collected:** 1/11/05 10:10
Lab ID: 0501203-02A

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	1/20/05	1/20/05
Surrogate: N-Tricosane	105	27.6-107	% Rec	1.0	1/20/05	1/20/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-1 **Received:** 1/11/05 **Collected:** 1/11/05 10:10
Lab ID: 0501203-02C

Test Name: TPH as Gasoline **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		1/19/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-1 **Received:** 1/11/05 **Collected:** 1/11/05 10:10
Lab ID: 0501203-02F

Test Name: EPA 8260B **Reference:** EPA 5030B/8260B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND	2.0	µg/L	1.0		1/18/05
Vinyl chloride	ND	1.0	µg/L	1.0		1/18/05
Bromomethane	ND	1.0	µg/L	1.0		1/18/05
Chloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichlorofluoromethane	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Methylene chloride	ND	2.0	µg/L	1.0		1/18/05
trans-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Chloroform	ND	1.0	µg/L	1.0		1/18/05
Carbon Tetrachloride	ND	1.0	µg/L	1.0		1/18/05
1,1,1-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Benzene	ND	0.50	µg/L	1.0		1/18/05
1,2-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichloropropane	ND	1.0	µg/L	1.0		1/18/05
Bromodichloromethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
Toluene	ND	0.50	µg/L	1.0		1/18/05
Tetrachloroethene	ND	1.0	µg/L	1.0		1/18/05
trans-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
1,1,2-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Dibromochloromethane	ND	1.0	µg/L	1.0		1/18/05
Chlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Ethylbenzene	ND	0.50	µg/L	1.0		1/18/05
m,p-Xylene	ND	0.50	µg/L	1.0		1/18/05
o-Xylene	ND	0.50	µg/L	1.0		1/18/05
Bromoform	ND	1.0	µg/L	1.0		1/18/05
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1.0		1/18/05
1,3-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,4-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Surrogate: 1,2-Dichloroethane-d4	89.0	80-120	% Rec	1.0		1/18/05
Surrogate: 1,4-Dichlorobenzene-d4	99.3	80-120	% Rec	1.0		1/18/05
Surrogate: Dibromofluoromethane	99.4	80-120	% Rec	1.0		1/18/05
Surrogate: Toluene-d8	89.4	80-120	% Rec	1.0		1/18/05

NORTH COAST LABORATORIES
5680 West End Road · Arcata, California 95521-9202 · 707-822-4649 · FAX 707-822-6831

Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-1 **Received:** 1/11/05 **Collected:** 1/11/05 10:10
Lab ID: 0501203-02I

Test Name: Ammonia Nitrogen without distillation **Reference:** EPA 350.3

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Ammonia Nitrogen	ND	0.20	mg/L	1.0		1/12/05

Test Name: Chemical Oxygen Demand **Reference:** EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	13	5.0	mg/L	1.0	1/20/05	1/20/05

Test Name: Total Phosphate Phosphorus **Reference:** EPA 365.2

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Phosphate Phosphorus	0.054	0.020	mg/L	1.0	1/19/05	1/20/05

Client Sample ID: MW-1 **Received:** 1/11/05 **Collected:** 1/11/05 10:10
Lab ID: 0501203-02J

Test Name: Alkalinity **Reference:** Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	52	1.0	mg/L CaCO3	1.0		1/21/05

Test Name: Chloride, sulfate, fluoride, bromide **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	26	0.50	mg/L	1.0		1/12/05

Test Name: Nitrate/Nitrite **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	0.30	0.10	mg/L	1.0		1/12/05

Test Name: Total Dissolved Solids **Reference:** EPA 160.1

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Dissolved Solids	130	10	mg/L	1.0		1/17/05

Client Sample ID: MW-3 **Received:** 1/11/05 **Collected:** 1/11/05 11:20
Lab ID: 0501203-03A

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	1/20/05	1/20/05
Surrogate: N-Tricosane	105	27.6-107	% Rec	1.0	1/20/05	1/20/05

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-3 **Received:** 1/11/05 **Collected:** 1/11/05 11:20
Lab ID: 0501203-03C

Test Name: TPH as Gasoline **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		1/19/05

NORTH COAST LABORATORIES
5680 West End Road · Arcata, California 95521-9202 · 707-822-4649 · FAX 707-822-6831

Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-3 **Received:** 1/11/05 **Collected:** 1/11/05 11:20
Lab ID: 0501203-03F

Test Name: EPA 8260B **Reference:** EPA 5030B/8260B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND	2.0	µg/L	1.0		1/18/05
Vinyl chloride	ND	1.0	µg/L	1.0		1/18/05
Bromomethane	ND	1.0	µg/L	1.0		1/18/05
Chloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichlorofluoromethane	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Methylene chloride	ND	2.0	µg/L	1.0		1/18/05
trans-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Chloroform	ND	1.0	µg/L	1.0		1/18/05
Carbon Tetrachloride	ND	1.0	µg/L	1.0		1/18/05
1,1,1-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Benzene	ND	0.50	µg/L	1.0		1/18/05
1,2-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichloropropane	ND	1.0	µg/L	1.0		1/18/05
Bromodichloromethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
Toluene	ND	0.50	µg/L	1.0		1/18/05
Tetrachloroethene	ND	1.0	µg/L	1.0		1/18/05
trans-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
1,1,2-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Dibromochloromethane	ND	1.0	µg/L	1.0		1/18/05
Chlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Ethylbenzene	ND	0.50	µg/L	1.0		1/18/05
m,p-Xylene	ND	0.50	µg/L	1.0		1/18/05
o-Xylene	ND	0.50	µg/L	1.0		1/18/05
Bromoform	ND	1.0	µg/L	1.0		1/18/05
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1.0		1/18/05
1,3-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,4-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Surrogate: 1,2-Dichloroethane-d4	91.1	80-120	% Rec	1.0		1/18/05
Surrogate: 1,4-Dichlorobenzene-d4	94.9	80-120	% Rec	1.0		1/18/05
Surrogate: Dibromofluoromethane	102	80-120	% Rec	1.0		1/18/05
Surrogate: Toluene-d8	97.8	80-120	% Rec	1.0		1/18/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-3 **Received:** 1/11/05 **Collected:** 1/11/05 11:20
Lab ID: 0501203-03I

Test Name: Ammonia Nitrogen without distillation **Reference:** EPA 350.3

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Ammonia Nitrogen	ND	0.20	mg/L	1.0		1/12/05

Test Name: Chemical Oxygen Demand **Reference:** EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	6.0	5.0	mg/L	1.0	1/20/05	1/20/05

Test Name: Total Phosphate Phosphorus **Reference:** EPA 365.2

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Phosphate Phosphorus	0.038	0.020	mg/L	1.0	1/19/05	1/20/05

Client Sample ID: MW-3 **Received:** 1/11/05 **Collected:** 1/11/05 11:20
Lab ID: 0501203-03J

Test Name: Alkalinity **Reference:** Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	80	1.0	mg/L CaCO3	1.0		1/21/05

Test Name: Chloride, sulfate, fluoride, bromide **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	12	0.50	mg/L	1.0		1/12/05

Test Name: Nitrate/Nitrite **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		1/12/05

Test Name: Total Dissolved Solids **Reference:** EPA 160.1

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Dissolved Solids	150	10	mg/L	1.0		1/17/05

Client Sample ID: MW-2 **Received:** 1/11/05 **Collected:** 1/11/05 13:20
Lab ID: 0501203-04A

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	1/20/05	1/20/05
Surrogate: N-Tricosane	99.3	27.6-107	% Rec	1.0	1/20/05	1/20/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-2 **Received:** 1/11/05 **Collected:** 1/11/05 13:20
Lab ID: 0501203-04C

Test Name: TPH as Gasoline **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	81	50	µg/L	1.0		1/19/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-2 **Received:** 1/11/05 **Collected:** 1/11/05 13:20
Lab ID: 0501203-04F

Test Name: EPA 8260B **Reference:** EPA 5030B/8260B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND	2.0	µg/L	1.0		1/18/05
Vinyl chloride	ND	1.0	µg/L	1.0		1/18/05
Bromomethane	ND	1.0	µg/L	1.0		1/18/05
Chloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichlorofluoromethane	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Methylene chloride	ND	2.0	µg/L	1.0		1/18/05
trans-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Chloroform	ND	1.0	µg/L	1.0		1/18/05
Carbon Tetrachloride	ND	1.0	µg/L	1.0		1/18/05
1,1,1-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Benzene	ND	0.50	µg/L	1.0		1/18/05
1,2-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichloropropane	ND	1.0	µg/L	1.0		1/18/05
Bromodichloromethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
Toluene	ND	0.50	µg/L	1.0		1/18/05
Tetrachloroethene	ND	1.0	µg/L	1.0		1/18/05
trans-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
1,1,2-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Dibromochloromethane	ND	1.0	µg/L	1.0		1/18/05
Chlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Ethylbenzene	ND	0.50	µg/L	1.0		1/18/05
m,p-Xylene	ND	0.50	µg/L	1.0		1/18/05
o-Xylene	ND	0.50	µg/L	1.0		1/18/05
Bromoform	ND	1.0	µg/L	1.0		1/18/05
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1.0		1/18/05
1,3-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,4-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Surrogate: 1,2-Dichloroethane-d4	87.7	80-120	% Rec	1.0		1/18/05
Surrogate: 1,4-Dichlorobenzene-d4	92.3	80-120	% Rec	1.0		1/18/05
Surrogate: Dibromofluoromethane	97.9	80-120	% Rec	1.0		1/18/05
Surrogate: Toluene-d8	89.7	80-120	% Rec	1.0		1/18/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-2 **Received:** 1/11/05 **Collected:** 1/11/05 13:20
Lab ID: 0501203-04I

Test Name: Ammonia Nitrogen without distillation **Reference:** EPA 350.3

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Ammonia Nitrogen	1.3	0.20	mg/L	1.0		1/12/05

Test Name: Chemical Oxygen Demand **Reference:** EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	630	50	mg/L	10	1/20/05	1/20/05

Test Name: Total Phosphate Phosphorus **Reference:** EPA 365.2

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Phosphate Phosphorus	0.063	0.020	mg/L	1.0	1/19/05	1/20/05

Client Sample ID: MW-2 **Received:** 1/11/05 **Collected:** 1/11/05 13:20
Lab ID: 0501203-04J

Test Name: Alkalinity **Reference:** Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	420	1.0	mg/L CaCO3	1.0		1/21/05

Test Name: Chloride, sulfate, fluoride, bromide **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	1.2	0.50	mg/L	1.0		1/12/05

Test Name: Nitrate/Nitrite **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		1/12/05

Test Name: Total Dissolved Solids **Reference:** EPA 160.1

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Dissolved Solids	830	10	mg/L	1.0		1/17/05

Client Sample ID: MW-6 **Received:** 1/11/05 **Collected:** 1/11/05 13:35
Lab ID: 0501203-05A

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	310	50	µg/L	1.0	1/20/05	1/20/05
Surrogate: N-Tricosane	104	27.6-107	% Rec	1.0	1/20/05	1/20/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-6 **Received:** 1/11/05 **Collected:** 1/11/05 13:35
Lab ID: 0501203-05C

Test Name: TPH as Gasoline **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	3,000	500	µg/L	10		1/19/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-6 **Received:** 1/11/05 **Collected:** 1/11/05 13:35
Lab ID: 0501203 05F

Test Name: EPA 8260B **Reference:** EPA 5030B/8260B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND	2.0	µg/L	1.0		1/18/05
Vinyl chloride	ND	1.0	µg/L	1.0		1/18/05
Bromomethane	ND	1.0	µg/L	1.0		1/18/05
Chloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichlorofluoromethane	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Methylene chloride	ND	2.0	µg/L	1.0		1/18/05
trans-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethane	ND	3.0	µg/L	1.0		1/18/05
cis-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Chloroform	ND	1.0	µg/L	1.0		1/18/05
Carbon Tetrachloride	ND	1.0	µg/L	1.0		1/18/05
1,1,1-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Benzene	5.2	0.50	µg/L	1.0		1/18/05
1,2-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichloropropane	ND	3.0	µg/L	1.0		1/18/05
Bromodichloromethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
Toluene	2.8	0.50	µg/L	1.0		1/18/05
Tetrachloroethene	ND	1.0	µg/L	1.0		1/18/05
trans-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
1,1,2-Trichloroethane	ND	22	µg/L	1.0		1/18/05
Dibromochloromethane	ND	1.0	µg/L	1.0		1/18/05
Chlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Ethylbenzene	120	5.0	µg/L	10		1/17/05
m,p-Xylene	23	0.50	µg/L	1.0		1/18/05
o-Xylene	1.9	0.50	µg/L	1.0		1/18/05
Bromoform	ND	1.0	µg/L	1.0		1/18/05
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1.0		1/18/05
1,3-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,4-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Surrogate: 1,2-Dichloroethane-d4	82.9	80-120	% Rec	1.0		1/18/05
Surrogate: 1,4-Dichlorobenzene-d4	90.0	80-120	% Rec	1.0		1/18/05
Surrogate: Dibromofluoromethane	53.6	80-120	% Rec	1.0		1/18/05
Surrogate: Toluene-d8	93.1	80-120	% Rec	1.0		1/18/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-6 **Received:** 1/11/05 **Collected:** 1/11/05 13:35
Lab ID: 0501203-05I

Test Name: Ammonia Nitrogen without distillation **Reference:** EPA 350.3

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Ammonia Nitrogen	2.1	0.20	mg/L	1.0		1/12/05

Test Name: Chemical Oxygen Demand **Reference:** EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	280	25	mg/L	5.0	1/20/05	1/20/05

Test Name: Total Phosphate Phosphorus **Reference:** EPA 365.2

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Phosphate Phosphorus	0.23	0.020	mg/L	1.0	1/19/05	1/20/05

Client Sample ID: MW-6 **Received:** 1/11/05 **Collected:** 1/11/05 13:35
Lab ID: 0501203-05J

Test Name: Alkalinity **Reference:** Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	170	1.0	mg/L CaCO3	1.0		1/21/05

Test Name: Chloride, sulfate, fluoride, bromide **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	1.5	0.50	mg/L	1.0		1/12/05

Test Name: Nitrate/Nitrite **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		1/12/05

Test Name: Total Dissolved Solids **Reference:** EPA 160.1

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Dissolved Solids	370	10	mg/L	1.0		1/17/05

Client Sample ID: MW-5 **Received:** 1/11/05 **Collected:** 1/11/05 11:25
Lab ID: 0501203-06A

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	550	50	µg/L	1.0	1/20/05	1/20/05
Surrogate: N-Tricosane	118	27.6-107	% Rec	1.0	1/20/05	1/20/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-5 **Received:** 1/11/05 **Collected:** 1/11/05 11:25
Lab ID: 0501203-06C

Test Name: TPH as Gasoline **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C8-C14)	2,300	500	µg/L	10		1/19/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-5 **Received:** 1/11/05 **Collected:** 1/11/05 11:25
Lab ID: 0501203-06F

Test Name: EPA 8260B **Reference:** EPA 5030B/8260B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND	2.0	µg/L	1.0		1/18/05
Vinyl chloride	ND	1.0	µg/L	1.0		1/18/05
Bromomethane	ND	1.0	µg/L	1.0		1/18/05
Chloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichlorofluoromethane	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Methylene chloride	ND	2.0	µg/L	1.0		1/18/05
trans-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Chloroform	ND	1.0	µg/L	1.0		1/18/05
Carbon Tetrachloride	ND	1.0	µg/L	1.0		1/18/05
1,1,1-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Benzene	ND	0.50	µg/L	1.0		1/18/05
1,2-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichloropropane	ND	1.0	µg/L	1.0		1/18/05
Bromodichloromethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
Toluene	ND	0.50	µg/L	1.0		1/18/05
Tetrachloroethene	ND	1.0	µg/L	1.0		1/18/05
trans-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
1,1,2-Trichloroethane	ND	80	µg/L	1.0		1/18/05
Dibromochloromethane	ND	1.0	µg/L	1.0		1/18/05
Chlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Ethylbenzene	3.6	0.50	µg/L	1.0		1/18/05
m,p-Xylene	0.80	0.50	µg/L	1.0		1/18/05
o-Xylene	ND	0.50	µg/L	1.0		1/18/05
Bromoform	ND	1.0	µg/L	1.0		1/18/05
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1.0		1/18/05
1,3-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,4-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Surrogate: 1,2-Dichloroethane-d4	80.3	80-120	% Rec	1.0		1/18/05
Surrogate: 1,4-Dichlorobenzene-d4	93.9	80-120	% Rec	1.0		1/18/05
Surrogate: Dibromofluoromethane	72.1	80-120	% Rec	1.0		1/18/05
Surrogate: Toluene-d8	94.1	80-120	% Rec	1.0		1/18/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-5 **Received:** 1/11/05 **Collected:** 1/11/05 11:25
Lab ID: 0501203-06I

Test Name: Ammonia Nitrogen without distillation **Reference:** EPA 350.3

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Ammonia Nitrogen	ND	0.20	mg/L	1.0		1/12/05

Test Name: Chemical Oxygen Demand **Reference:** EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	110	5.0	mg/L	1.0	1/20/05	1/20/05

Test Name: Total Phosphate Phosphorus **Reference:** EPA 365.2

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Phosphate Phosphorus	0.074	0.020	mg/L	1.0	1/19/05	1/20/05

Client Sample ID: MW-5 **Received:** 1/11/05 **Collected:** 1/11/05 11:25
Lab ID: 0501203-06J

Test Name: Alkalinity **Reference:** Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	170	1.0	mg/L CaCO3	1.0		1/21/05

Test Name: Chloride, sulfate, fluoride, bromide **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	1.5	0.50	mg/L	1.0		1/12/05

Test Name: Nitrate/Nitrite **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	ND	0.10	mg/L	1.0		1/12/05

Test Name: Total Dissolved Solids **Reference:** EPA 160.1

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Dissolved Solids	280	10	mg/L	1.0		1/17/05

Client Sample ID: MW-4 **Received:** 1/11/05 **Collected:** 1/11/05 12:40
Lab ID: 0501203-07A

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	1,400	50	µg/L	1.0	1/20/05	1/20/05
Surrogate: N-Tricosane	86.7	27.6-107	% Rec	1.0	1/20/05	1/20/05

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-4 Received: 1/11/05 Collected: 1/11/05 12:40
Lab ID: 0501203-07C

Test Name: TPH as Gasoline Reference: EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	13,000	2,500	µg/L	50		1/19/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-4 **Received:** 1/11/05 **Collected:** 1/11/05 12:40
Lab ID: 0501203 07F

Test Name: EPA 8260B **Reference:** EPA 5030B/8260B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND	2.0	µg/L	1.0		1/18/05
Vinyl chloride	ND	1.0	µg/L	1.0		1/18/05
Bromomethane	ND	1.0	µg/L	1.0		1/18/05
Chloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichlorofluoromethane	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Methylene chloride	ND	2.0	µg/L	1.0		1/18/05
trans-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,1-Dichloroethane	ND	4.0	µg/L	1.0		1/18/05
cis-1,2-Dichloroethene	ND	1.0	µg/L	1.0		1/18/05
Chloroform	ND	1.0	µg/L	1.0		1/18/05
Carbon Tetrachloride	ND	1.0	µg/L	1.0		1/18/05
1,1,1-Trichloroethane	ND	1.0	µg/L	1.0		1/18/05
Benzene	ND	0.50	µg/L	1.0		1/18/05
1,2-Dichloroethane	ND	1.0	µg/L	1.0		1/18/05
Trichloroethene	ND	1.0	µg/L	1.0		1/18/05
1,2 Dichloropropane	ND	1.0	µg/L	1.0		1/18/05
Bromodichloromethane	ND	1.0	µg/L	1.0		1/18/05
cis-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
Toluene	0.96	0.50	µg/L	1.0		1/18/05
Tetrachloroethene	ND	1.0	µg/L	1.0		1/18/05
trans-1,3-Dichloropropene	ND	1.0	µg/L	1.0		1/18/05
1,1,2-Trichloroethane	ND	140	µg/L	10		1/17/05
Dibromochloromethane	ND	1.0	µg/L	1.0		1/18/05
Chlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Ethylbenzene	ND	0.50	µg/L	1.0		1/18/05
m,p-Xylene	28	0.50	µg/L	1.0		1/18/05
o-Xylene	0.76	0.50	µg/L	1.0		1/18/05
Bromoform	ND	1.0	µg/L	1.0		1/18/05
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	1.0		1/18/05
1,3-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,4-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
1,2-Dichlorobenzene	ND	1.0	µg/L	1.0		1/18/05
Surrogate: 1,2-Dichloroethane-d4	88.1	80-120	% Rec	1.0		1/18/05
Surrogate: 1,4-Dichlorobenzene-d4	90.1	80-120	% Rec	1.0		1/18/05
Surrogate: Dibromofluoromethane	15.3	80-120	% Rec	1.0		1/18/05
Surrogate: Toluene-d8	115	80-120	% Rec	1.0		1/18/05

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Date: 25-Jan-05
WorkOrder: 0501203

ANALYTICAL REPORT

Client Sample ID: MW-4 **Received:** 1/11/05 **Collected:** 1/11/05 12:40
Lab ID: 0501203-07I

Test Name: Ammonia Nitrogen without distillation **Reference:** EPA 350.3

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Ammonia Nitrogen	0.32	0.20	mg/L	1.0		1/12/05

Test Name: Chemical Oxygen Demand **Reference:** EPA 410.4

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Chemical Oxygen Demand	830	50	mg/L	10	1/20/05	1/20/05

Test Name: Total Phosphate Phosphorus **Reference:** EPA 365.2

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Phosphate Phosphorus	0.23	0.020	mg/L	1.0	1/19/05	1/20/05

Client Sample ID: MW-4 **Received:** 1/11/05 **Collected:** 1/11/05 12:40
Lab ID: 0501203-07J

Test Name: Alkalinity **Reference:** Std. Meth. 19th Ed. 2320 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Alkalinity	530	1.0	mg/L CaCO3	1.0		1/21/05

Test Name: Chloride, sulfate, fluoride, bromide **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Sulfate	7.9	0.50	mg/L	1.0		1/12/05

Test Name: Nitrate/Nitrite **Reference:** EPA 300.0

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Nitrate (as Nitrogen)	0.28	0.10	mg/L	1.0		1/12/05

Test Name: Total Dissolved Solids **Reference:** EPA 160.1

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Total Dissolved Solids	1,100	10	mg/L	1.0		1/17/05

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NORTH COAST LABORATORIES LTD.
5680 West End Road · Arcata · CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

LABORATORY NUMBER: 050203

Attention: Charolene Patterson
Results & Invoice to: Patterson Accounting Corporation
Address: 625 Camino de los Mares Suite 306
San Clemente CA 92673-2841
Phone: (949) 493-8200
Copies of Report to: SHN Roland Rueben
812 W. Wabash Ave, Eureka, CA 95501-2138
Sampler (Sign & Print): David R. Paine David R. Paine

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5-7 Day
☒ STD (2-3 Wk) ☐ Other: _____
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

PROJECT INFORMATION
Project Number: 093168
Project Name: Price Trust Properties
Purchase Order Number: _____

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	CONTAINER	PRESERVATIVE	TPHG/BTEX	8260 list 9	TPHD	CA Title 22 Metals	TDS, NO3, SO4, Alk	Diss. Metals	Citric Acid	Hydrogen Peroxide
1	MW-7	1/11/05	0910	GW	9	b	X	X	X	X	X	X	X	X
2	MW-1		1010		9	b	X	X	X	X	X	X	X	X
3	MW-3		1120		14	c	X	X	X	X	X	X	X	X
4	MW-2		1320		6		X	X	X	X	X	X	X	X
5	MW-6		1335		6		X	X	X	X	X	X	X	X
6	MW-5		1125		2		X	X	X	X	X	X	X	X
7	MW-4		1240		2		X	X	X	X	X	X	X	X

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

SAMPLE CONDITION/SPECIAL INSTRUCTIONS
EDF
Global ID# T060 1500024
Metals have NOT been Filtered
Cooler Temp = 13.0°C

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
David R. Paine David R. Paine	1/11/05 1626	R. Thompson	1/11/05 1626

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

*MATRIX: DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

February 3, 2005

North Coast Laboratories
5680 W End Road
Arcata, CA 95521-9202

Attn: Loretta Tomlin

Job No: 75912 SF

LABORATORY REPORT

Samples Received: Seven (7) Samples
Date Received: 01/27/2005
Purchase Order No: 0501208

The samples were analyzed as follows:

Analysis	Page
Hydrogen Peroxide by Titration	2

D.J. Northington, Ph.D.
Quality Assurance Officer

Michael Shelton
Senior Staff Chemist

9240 Santa Fe Springs Road • Santa Fe Springs, CA 90670 • Tel: 562.948.2225 Fax: 562.948.5850 • wcas.com

GALBRAITH LABORATORIES, INC.

LABORATORY REPORT

Ms Loretta Tomlin
North Coast Labs Ltd
5680 West End Rd
Arcata CA 95521

Report Date: 02/01/05

Purchase Order #: 0501121400
Fax Number: 707-822-6831

SAMPLE ID	LAB ID	ANALYSIS	RESULT(S)		MATRIX SPIKE RECOVERY	
0501208-1A MW-7 1/11/05 9:10:00 AM	V-2263	Citric Acid	< 10	mg/L	101.2	%
			< 10	mg/L		
0501208-2A MW-1 1/11/05 10:10:00 AM	V-2264	Citric Acid	< 10	mg/L		
0501208-3A MW-3 1/11/05 11:20:00 AM	V-2265	Citric Acid	< 10	mg/L		
0501208-4A MW-2 1/11/05 1:20:00 PM	V-2266	Citric Acid	< 10	mg/L		
0501208-5A MW-6 1/11/05 1:35:00 PM	V-2267	Citric Acid	< 10	mg/L		
0501208-6A MW-5 1/11/05 11:25:00 AM	V-2268	Citric Acid	< 10	mg/L		
0501208-7A MW-4 1/11/05 12:40:00 PM	V-2269	Citric Acid	< 10	mg/L		

Authorized Release of Data

William M. Longmire
Vice President of Technical Services

Quality Assurance Inspector

WML:yb J4

2323 Sycamore Drive
Knoxville, TN 37921-1700
TOLL FREE 877.449.8797

P.O. Box 51610
Knoxville, TN 37950-1610
FAX 865.546.7209

GALBRAITH LABORATORIES, INC.

RECD MAR 07 2005

LABORATORY REPORT

Ms Loretta Tomlin
North Coast Labs Ltd
5680 West End Rd
Arcata CA 95521

Report Date: 02/01/05
Purchase Order #: 0501121400
Fax Number: 707-822-6831

SAMPLE ID	LAB ID	ANALYSIS	RESULT(S)		MATRIX SPIKE RECOVERY	
0501208-1A MW-7 1/11/05 9:10:00 AM	V-2263	Citric Acid	< 10	mg/L	101.2	%
			< 10	mg/L		
0501208-2A MW-1 1/11/05 10:10:00 AM	V-2264	Citric Acid	< 10	mg/L		
0501208-3A MW-3 1/11/05 11:20:00 AM	V-2265	Citric Acid	< 10	mg/L		
0501208-4A MW-2 1/11/05 1:20:00 PM	V-2266	Citric Acid	< 10	mg/L		
0501208-5A MW-6 1/11/05 1:35:00 PM	V-2267	Citric Acid	< 10	mg/L		
0501208-6A MW-5 1/11/05 11:25:00 AM	V-2268	Citric Acid	< 10	mg/L		
0501208-7A MW-4 1/11/05 12:40:00 PM	V-2269	Citric Acid	< 10	mg/L		

Authorized Release of Data

William M. Longmire
Vice President of Technical Services

Quality Assurance Inspector

WML:yb J4

2323 Sycamore Drive
Knoxville, TN 37921-1700
TOLL FREE 877.449.8797

P.O. Box 51610
Knoxville, TN 37950-1610
FAX 865.546.7209

North Coast Laboratories
Attn: Loretta Tomlin

Job No: 75912
February 3, 2005

Analysis: Hydrogen Peroxide by Titration

Sample ID	Client Sample ID	Result	Units	Method	Detection Limit
0501208-01-A	MW-7	1.0	mg/L	Titration	0.2
0501208-02-A	MW-1	8.5	mg/L	Titration	0.2
0501208-03-A	MW-3	0.9	mg/L	Titration	0.2
0501208-04-A	MW-2	5.5	mg/L	Titration	0.2
0501208-05-A	MW-6	1.1	mg/L	Titration	0.2
0501208-06-A	MW-5	2.1	mg/L	Titration	0.2
0501208-07-A	MW-4	35.2	mg/L	Titration	0.2

Date Analyzed: 02-01-05

Quality Control Summary

Sample ID: Hydrogen Peroxide - 30 % solution (Mallinckrodt Lot # 5240 A24H01)

Analyte	Blank Result	Spike Conc	Spike Result	Spike % Rec	Spike Dup Result	Spike Dup % Rec	Spike RPD
Hydrogen Peroxide	ND	31.8 %	31.1 %	98	30.4 %	96	2

North Coast Laboratories, Ltd.
5680 West End Road
Arcata, CA 95521-9202
(707) 822-4649

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0501208

12/04

Client: ~~Pvt. cust. paying on pickup~~

TEL:
FAX:
ProjectNo: 093168, Price Tr
PO:

hydrogen peroxide

25-Jan-05

Sample ID	ClientSampID	Matrix	Collection Date	Bottle	Requested Tests						
					*						
0501208-01	MW-7	Groundwater	1/11/05 9:10:00 AM		A						
0501208-02	MW-1	Groundwater	1/11/05 10:10:00 AM		A						
0501208-03	MW-3	Groundwater	1/11/05 11:20:00 AM		A						
0501208-04	MW-2	Groundwater	1/11/05 1:20:00 PM		A						
0501208-05	MW-6	Groundwater	1/11/05 1:35:00 PM		A						
0501208-06	MW-5	Groundwater	1/11/05 11:25:00 AM		A						
0501208-07	MW-4	Groundwater	1/11/05 12:40:00 PM		A						

* All sample ID's have an "A" at the end of the number

Comments: ~~WORK ORDER~~ Calscience West Coast Environmental No 75912

	Date/Time		Date/Time
Relinquished by:	1/25/05 1500	Received by:	01-27-05 P1:10
Relinquished by:		Received by: WCAS	01-27-05 P1:10
Relinquished by:		Received by: CEL	1/26/05 1210

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

2nd Relinquished by: CEL

Received By: WCAS

5680 West End Road • Arcata, CA 95521-9202 • 707-822-4649 • FAX 707-822-6831

NORTH COAST LABORATORIES LTD.

Galbraith Laboratories, Inc.
Request for Analysis Form

2323 Sycamore Drive, Knoxville, TN 37921
Toll Free: 877-449-8797 • labinfo@galbraith.com

Please print
Complete all sections of form

Submitter Information

Sample I.D. VARIOUS ID's
Amount of Sample 500 MLs each
Report To: Dr. / Mr. / Ms. (Circle One) Loretta Tomlin
Title Client Services
Company North Coast Labs
Address: (Line 1) 5680 West End Rd
(Line 2)
City Arcata State/Province CA
Country USA Postal Code 95519
Phone 7078224649 Fax 707 822 6831
E-mail

Method of Payment Required

Purchase Order # 0501121400
Prepayment Check # Amount $
Quotation # (if applicable)
Credit Card: ☐ Visa ☐ MasterCard ☐ American Express
Card Holder Name
Acct #
Expiration Date
Signature
Address: (Line 1)
(Line 2)
City State/Province
Country Postal Code

Type of Service

Turnaround	Data Delivery	QA Level	Replicates
☒ Regular	☐ Phone Results	☒ Basic	☒ Single
☐ 3-5 Day Rush*	☐ Overnight Delivery of Results*	☐ Intermediate*	☐ Duplicate*
☐ 24-48 Hour Rush*	☐ Raw Data Copies*	☐ Regulatory*	☐ Duplicate only if 1st analysis disagrees with theory or range*
	☐ QC Summary*	☐ Custom*	☐ Triplicate*
	☒ Email results		☐ Other*

Sample Type

☐ Black Liquor	☐ Medical Device	☐ Paper/Pulp	☐ Soil
☐ Coal/Coke	☐ Organic	☐ Petroleum	☒ Water
☐ Drug	☐ Organometallic	☐ Polymer	☐ Wood
☐ Food	☐ Paint/Ink	☐ Protein	☐ Other
☐ Inorganic		☐ RDF	

Handling & Preparation

☐ Dry before analysis* ____ hrs ____ °C ____ vacuum
☐ Freeze @ -18 to -25°C*
☐ Grind*
☐ Hygroscopic
☐ Refrigerate @ 2 - 8°C*
☐ Sensitive to
☐ Weigh under N_2*
☐ Weigh under Ar*

Sample Characteristics

☐ Hazards Unknown
☒ Non-hazardous
☐ Hazardous
☐ Biohazardous*
☐ Carcinogenic/Toxic
☐ Explosive
☐ MSDS (include)
☐ Pyrophoric
☐ Volatile
☐ Other
☐ Inhalation: Respiratory Protection (specify):
☐ Skin Absorption : Gloves (specify):
☐ Other Protective Equipment (specify):
☐ Reproductive Hazard*

MP °C BP °C @ mm Hg
Mol. Wt. Soluble in

List Analyses Desired

If repeat analyses are required due to lack of information, extra charges may apply. If sample size is limited, prioritize analyses requested.

Test**	Theory/ Range**	Detection Limit Req'd**	Method (if Req'd)
Citric Acid + Hydrogen Peroxide			

Compound/Structure/Other Elements Present

Purpose of Testing

Regulated Studies

Check regulations only if they are specifically required for your current sample submission. *Extra charges apply.* * **Choose one.**

EPA		FDA	Other
☐ CERCLA	☒ RCRA	☐ GLP	☐ Other
☐ FIFRA	☐ TSCA	☐ GMP	
☐ GLP	☐ Drinking Water		

Authorized Release of Information

Galbraith releases information regarding work received to only the submitter named on this form. With authorization, we may release information to others, such as work associates. If appropriate, please list names below. ☒ Yes ☐ No (please initial) LT

Kelley Thompson Lauren Miller
Roxanne Golich-Moore

Sample Return / Disposal

This section MUST be completed.

The original sample remains the client's property at all times. We retain samples for 90 days prior to disposal or return. See reverse side for sample retain policy. * 7

This sample ☒ IS ☐ IS NOT suitable for disposal in a sanitary landfill or sewer without treatment or packaging.

Signature K Thompson Date 1/12/05

Please include a return address if different from the report address:
(Line 1)
(Line 2)
City State/Province
Country Postal Code

Comments

*See notes on reverse side for additional charges that may apply
**Required Fields

Form 3.1.1A (Rev 8)

Sampling

Please use good sampling techniques. Our analysis is based on the sample submitted, which should be representative of larger batches or lots. Prior to analysis, we homogenize multiphase samples as completely as possible; extra fees may apply. Please consider any container or holding time requirements.

For approximate sample sizes, see the Catalog of Services. In general, the detection limit is based on sample size used. If the sample is limited in quantity, call for more exact requirements based on your required detection limits. Please be advised that most test methods used by our laboratory are destructive in nature.

Please give at least approximate percentage values for the elements requested, identify any interfering elements, and specify detection limits required. We depend upon this information to choose the optimal method and appropriate sample size. If repeat analyses are required due to lack of information, extra charges may apply. When desired, please specifically request trace analyses, since different sample sizes, procedures, and pricing may apply.

Holding Times: Holding times indicate the time period from the time of sampling to when the analysis must begin. We make every effort to meet all holding times; however, for holding times of 48 hours or less, please call for availability prior to sampling. Additional charges may apply.

Sample Delivery

We accept deliveries Monday through Friday (except holidays), 7:00 AM - 4:00 PM. Samples received after 3:00 PM are processed the following business day. Samples may be delivered at alternate times only by pre-arrangement.

Rush Service: When requesting "RUSH" services, please use our "RUSH" labels on the OUTSIDE of the SHIPPING CONTAINER. Containers labeled "RUSH" are given priority handling and processing.

Method of Payment

All fees are charged or billed directly to the client. Unless credit has been established, fees must be prepaid, charged to a credit card, or paid via a purchase order. If billing address or credit cardholder address is different than submitter's address, please include that in the Method of Payment section.

Purchase Order: If a purchase order is required, please include the purchase order number on the RFA form with your sample submittal. If the purchase order contains testing information, a copy must also be included with the sample.

Credit Cards: We accept Visa, MasterCard and American Express. All payments must be made in U. S. Dollars.

Type of Service

Turnaround Time: Regular service is approximately 10 business days (15 for complete monographs) from sample receipt. Analysis completion time varies with the sample type, handling and tests requested. 3-5 day RUSH service is available at a 100% surcharge. 24-48 hour RUSH service is available on selected analyses at a 200% surcharge (call for availability).

Data Delivery: Laboratory results are reported by fax as soon as they become available. Printed reports follow by mail. Telephone reporting is available upon request. Charges for priority delivery of reports include carrier freight fees plus a 25% surcharge for handling. Galbraith can accommodate requests for custom reporting and electronic deliverables. QA/QC summaries are available at $10.00 per group of samples submitted. Certified raw data packages are available at $30.00 per sample.

QA Levels: Four QA Levels of service are available: Basic at no additional charge; Intermediate at a 25% surcharge; Regulated at a 40% surcharge; and Custom is quoted on a case-by-case basis. In addition to identification of regulatory requirements, we recommend a thorough discussion of the project with our technical staff. A chain-of-custody form can be provided upon request.

Handling & Preparation

Please indicate whether samples have been preserved prior to shipment. We can preserve samples upon arrival at no additional cost; however, if we must split a sample into additional containers to achieve proper preservation (i.e. multiple tests with different preservatives), container fees will apply. If possible, submit air sensitive or volatile samples in separate vials for each analysis. Samples will be handled under an inert atmosphere only upon request. Samples requiring special handling, treatment, or preparation may be subject to additional charges (see Catalog of Services).

Sample Characteristics

For hazardous samples (known or suspect), the client is responsible for providing Galbraith with sample characteristic information before analysis so that we can safeguard the health and safety of our employees. Galbraith does not accept radioactive samples (>500pCi or >1100 dpm) or samples containing PCBs (>50 ppm).

Sample Return

The original sample remains the client's property at all times. Samples submitted for analysis are not retained for regulatory purposes. We retain samples for 90 days prior to disposal or return. Any unused sample portions that are not suitable for disposal in a landfill or sewer are returned. Water, sludge, food, perishable, and air sensitive samples are retained under original storage conditions for 7 days beyond the reporting date. See Catalog of Services regarding sample return fees.

Galbraith Laboratories

Request for Analysis Form

MAILING ADDRESS
P.O. Box 51610
Knoxville TN 37950-1610
SHIPPING ADDRESS
2323 Sycamore Dr.
Knoxville TN 37921-1700

TOLL FREE 877-449-8797
TELEPHONE 865-546-1335
FAX 865-546-7209
WEB www.galbraith.com
EMAIL labinfo@galbraith.com

Over 50 Years of Experience

Serving over 6000 clients worldwide from all business and industry, governmental agencies and universities.

Specializing in Microanalysis

- Analysis for most elements
- Trace Analysis
- Physical Property Testing
- Pharmaceutical Testing
- Environmental Testing
- Industrial Testing
- Organics
- Inorganics
- Wet Chemistry
- Assays / Monographs
- Pharmaceutical / Reagent / Food Additive Testing
- Regulated Studies
- Protocol Design
- Method Development
- Method Validation
- Customized Services

Dedicated to Quality Service

- Quality Assurance Unit
- GLP/cGMP Laboratory
- State Certified (SDWA)
- EPA/FDA/NRC Projects
- Memberships in ACS, ASTM, TAPPI, AOAC, AMS & ASA
- Manual of Practice
- FDA Registration
- Collaborative & Round Robin Studies
- Routine Performance Evaluations

NORTH COAST LABORATORIES LTD.

Sub-Contract
Chain of Custody Record

Date Shipped: 1/12/05 **Carrier:** UPS

Air Bill #: _____ **Cooler #:** _____

Subcontractor: Galbraith Labs

Send Results to: North Coast Labs
5680 West End Road
Arcata, CA 95521
Attn: Loretta Tomlin
(707) 822-4649

Phone:
Attention Line:

Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
	1/12/05 ~~1500~~ 1300		
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time
Relinquished By: (signature)	Date/Time	Received By: (signature)	Date/Time

Analysis Request

NCL Sample #:	Sample ID:	Date Sampled:	Analysis / Matrix:
0501208-1A	MW-7	1/11/05 9:10:00 AM	Citric Acid/Hydrogen Peroxide
0501208-2A	MW-1	1/11/05 10:10:00 AM	Citric Acid/Hydrogen Peroxide
0501208-3A	MW-3	1/11/05 11:20:00 AM	Citric Acid/Hydrogen Peroxide
0501208-4A	MW-2	1/11/05 1:20:00 PM	Citric Acid/Hydrogen Peroxide
0501208-5A	MW-6	1/11/05 1:35:00 PM	Citric Acid/Hydrogen Peroxide
0501208-6A	MW-5	1/11/05 11:25:00 AM	Citric Acid/Hydrogen Peroxide
0501208-7A	MW-4	1/11/05 12:40:00 PM	Citric Acid/Hydrogen Peroxide

Special Instructions: Please include QC Data

Date Due: 1/25/05 Rush Charges Authorized: NO Preservative: None

Return Chain of Custody to NCL

NORTH COAST LABORATORIES LTD.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

0501208

LABORATORY NUMBER:

Attention: Charalene Patterson
Results & Invoice to: Patterson Accounting Corporation
Address: 665 Camino de las Mares Suite 306
San Clemente CA 92693-2841
Phone: (949) 493-8200
Copies of Report to: SHN Roland Rueben
812 W. Wabash Ave. Eureka, CA 95501-2138
Sampler (Sign & Print): David R. Paine David R. Paine

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☒ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

PROJECT INFORMATION
Project Number: 093168
Project Name: Price Trust Properties
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	PRESERVATIVE	CONTAINER	TPHG/BTEX	8260 List+9	TPHD	CD T.Alk Ammw.	TDS NO_3 SO_4 Alk	Diss. Metals	Citric Acid	Hydrazine Partial
-1	MW-7	1/11/05	0910	GW	b	9	X	X	X	X	X	X	X	X
-2	MW-1		1010		b	9	X	X	X	X	X	X	X	X
-3	MW-3		1120			14	X	X	X	X	X	X	X	X
-4	MW-2		1320		c	6	X	X	X	X	X	X	X	X
-5	MW-6		1335			6	X	X	X	X	X	X	X	X
-6	MW-5		1125			3	X	X	X	X	X	X	X	X
-7	MW-4		1240			2	X	X	X	X	X	X	X	X
						2								

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

EDF

Global ID# T060 1500024

Metals have NOT been Filtered

cooler temp = 13.0°C

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
David R. Paine David R. Paine	1626 1/11/05	K. Thompson	1/11/05 1626

SAMPLE DISPOSAL
☒ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus (Hand)

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT